

Converting Colors

XYZ(81.0477, 85.1310,
105.2807)

Have a look what the booklet for
XYZ(81.0477, 85.1310, 105.2807)
contains.

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Color

**XYZ(80.9373, 85.0639,
105.0816)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EEFD
RGB	230, 238, 253
RGB Percent	90%, 93%, 99%
CMY	0.0980, 0.0666, 0.0078
CMYK	0.09, 0.06, 0.00, 0.01
HSL	219°, 85%, 95%
HSV	219°, 9%, 99%
XYZ	80.9373, 85.0639, 105.0816
YIQ	237.3180, -9.5830, 2.9690

Conversions

Conversions Part 2

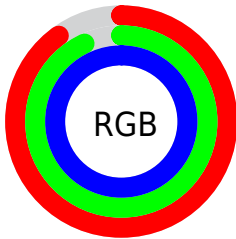
Format	Color
R_{YB}	230, 236, 253
Decimal	15134461
CIE _{Lab}	93.91, 0.17, -8.14
CIE _{LCh}	94, 8.146, 271.190
Yxy	85.0639, 0.2986, 0.3138
Android (android.graphics.Color)	4293324541 (0xFFE6EEFD)
YUV	237.3180, 7.7312, -6.4179
Hunter-Lab	92.2301, -4.7585, -2.9905

Details

The XYZ color **80.9373, 85.0639, 105.0816** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.4437, 91.9001, 87.9942**, and the grayscale version is **80.6909, 84.8931, 92.4486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1473, 46.4401, 58.8616** is the 20% darker color. If you saturate the color by 10%, you get **68.8156, 72.0108, 103.2023**, and if you desaturate by 10%, it is **94.5711, 99.5544, 107.1613**.

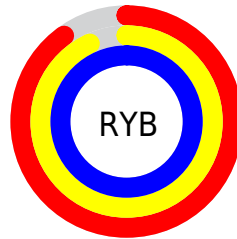
Distribution



Red (90%)

Green (93%)

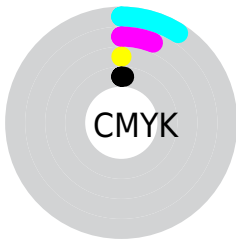
Blue (99%)



Red (90%)

Yellow (93%)

Blue (99%)

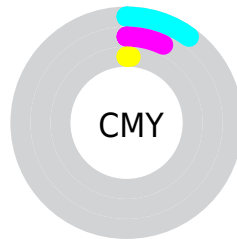


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (1%)



Cyan (10%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.9373, 85.0639, 105.0816 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 80.9373, 85.0639, 105.0816 by changing the saturation by 10% instead.

80.9373, 85.0639,
105.0816

80.9373, 85.0639,
105.0816

486.7746,
511.8395, 597.7500

60.8011, 63.8942,
79.9107

133.6263,
140.4625, 170.2357

44.3166, 46.5650,
59.1191

166.9099,
175.4601, 211.0559

31.1184, 32.6919,
42.2884

205.3065,
215.8358, 257.9296

20.8413, 21.8905,
28.9999

249.1817,
261.9740, 311.2754

13.1199, 13.7765,
18.8352

298.9008,
314.2590, 371.5118

7.5887, 7.9654,
11.3756

354.8290,

3.8825, 4.0728,

373.0754, 439.0574

6.2027

417.3318,
438.8074, 514.3306

■ 1.6359, 1.7144,
2.8980

■ 0.4156, 0.4329,
1.0428

■ 80.9373, 85.0639,
105.0816

■ 80.9373, 85.0639,
105.0816

■ 68.8156, 72.0108,
103.2023

94.5711, 99.5544,
107.1613

■ 58.2476, 60.3922,
101.5167

94.7299, 99.8719,
107.2142

■ 49.1693, 50.1593,
100.0200

■ 41.5093, 41.2561,
98.7052

■ 35.1897, 33.6225,
97.5649

■ 30.1248, 27.1932,
96.5909

■ 26.2177, 21.8959,
95.7743

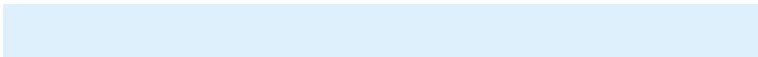
■ 23.3555, 17.6483,
95.1053

■ 21.3760, 14.3414,
94.5713

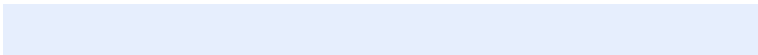
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8576, 85.0639, 103.4844



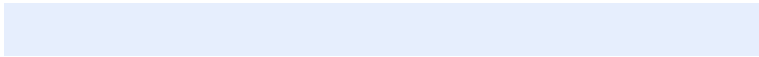
80.9373, 85.0639, 105.0816



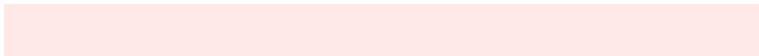
83.0297, 85.0639, 103.2176

Triad

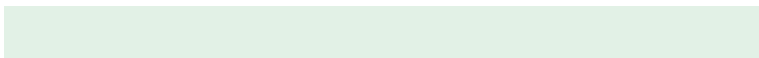
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.9373, 85.0639, 105.0816



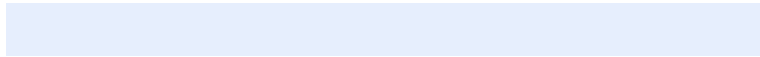
84.4710, 85.0639, 86.5716



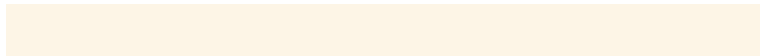
77.2513, 85.0639, 86.9828

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80.9373, 85.0639, 105.0816



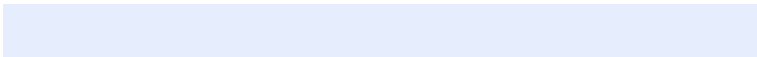
87.4437, 91.9001, 87.9942

Split Complementary

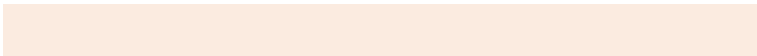
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.7102, 85.0639, 82.7740



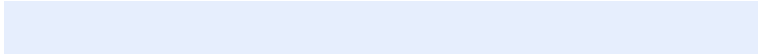
80.9373, 85.0639, 105.0816



82.8771, 85.0639, 82.5442

Square

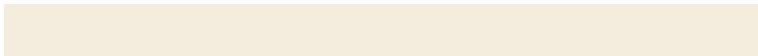
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9373, 85.0639, 105.0816



85.0922, 85.0639, 92.3724



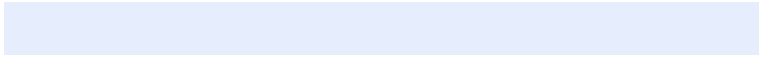
80.7641, 85.0639, 81.1850



76.7525, 85.0639, 92.8683

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



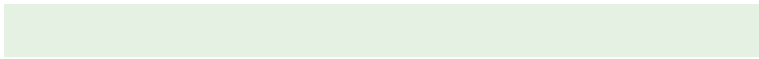
80.9373, 85.0639, 105.0816



84.1440, 85.0639, 100.3091



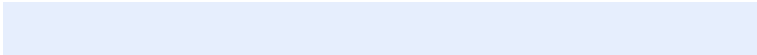
80.7641, 85.0639, 81.1850



77.6444, 85.0639, 85.3344

Sweetspot

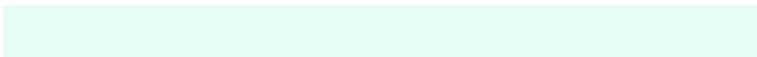
The Sweet Spot groups the original color and five complimentary colors.



80.9398, 85.0675, 105.0835



90.7207, 95.4365, 108.2473



84.2337, 93.6645, 99.9871



19.1758, 20.1713, 23.1327



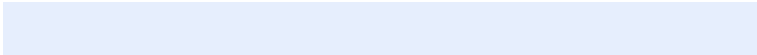
0.0000, 0.0000, 0.0000



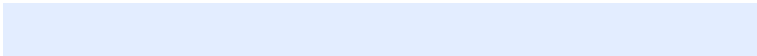
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9398, 85.0675, 105.0835



79.9133, 83.9437, 106.5986



79.7794, 81.0866, 104.3763



17.5199, 18.4114, 22.8803



11.4120, 7.7336, 50.3258



1.2087, 0.9482, 4.9326

Inverse Universe

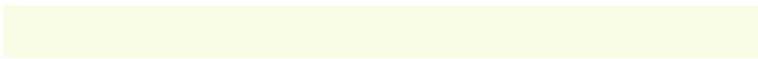
The Inverse Universe completely reimagines the original color for something new.



84.2394, 83.6511, 92.5994



83.9392, 82.2683, 91.3546



88.6729, 96.2061, 88.7606



18.2703, 18.0914, 20.0406



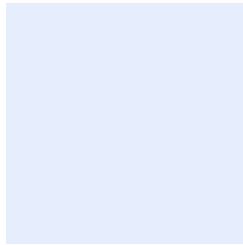
22.5484, 11.5087, 6.2726



2.2447, 1.1403, 0.8701

Previews

White Background



This preview shows how the XYZ color 80.9373, 85.0639, 105.0816 looks on a white background.

Color Contrast Check

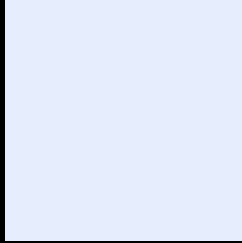
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 80.9373, 85.0639, 105.0816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

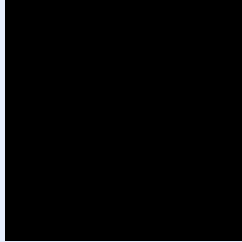
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

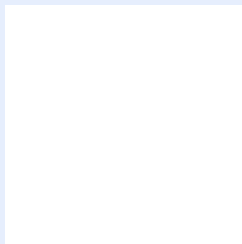
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.9373, 85.0639, 105.0816

Background



This preview shows how black text looks on a background with the XYZ color 80.9373, 85.0639, 105.0816.



This preview shows how white text looks on a background with the XYZ color 80.9373, 85.0639,

105.0816.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.9373, 85.0639, 105.0816

Protanopia

82.4912, 85.0237, 104.1589

Deuteranopia

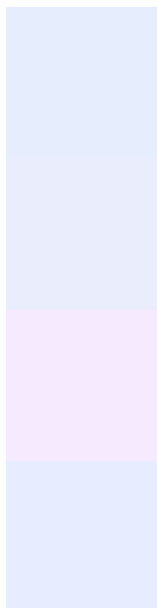
87.1339, 85.2545, 106.4710



Tritanopia

81.2892, 84.7773, 106.6870

Trichromacy



Original Color

80.9373, 85.0639, 105.0816

Protanomaly

81.7866, 85.0891, 104.2087

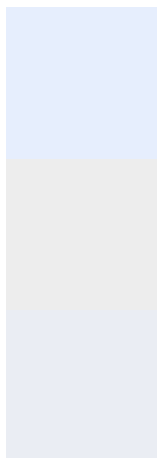
Deuteranomaly

84.9684, 85.4139, 105.7741

Tritanomaly

81.1286, 84.7131, 105.8413

Monochromacy



Original Color

80.9373, 85.0639, 105.0816

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.3935, 84.5319, 96.8731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9373, 85.0639, 105.0816 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(230, 238, 253)` looks like.

```
.text, #text, p{  
    color:rgb(230, 238, 253)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 238, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 238, 253) }
```

Border

The CSS property to change the border of an element to XYZ 80.9373, 85.0639, 105.0816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 238, 253) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(230, 238, 253) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(230, 238, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 238, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 238, 253);  
box-shadow:4px 4px 4px 4px rgb(230, 238,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9373, 85.0639, 105.0816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 238, 253) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
238, 253) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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