

Converting Colors

XYZ(79.0004, 80.7044,
105.5595)

Have a look what the booklet for
XYZ(79.0004, 80.7044, 105.5595)
contains.

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Color

**XYZ(78.8193, 80.5724,
105.1637)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E6FE
RGB	230, 230, 254
RGB Percent	90%, 90%, 100%
CMY	0.0980, 0.0980, 0.0039
CMYK	0.09, 0.09, 0.00, 0.00
HSL	240°, 92%, 95%
HSV	240°, 9%, 100%
XYZ	78.8193, 80.5724, 105.1637
YIQ	232.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

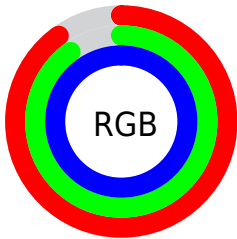
Format	Color
R _Y B	230, 230, 254
Decimal	15132414
CIE Lab	91.94, 4.49, -11.59
CIE LCh	92, 12.430, 291.167
Yxy	80.5724, 0.2979, 0.3046
Android (android.graphics.Color)	4293322494 (0xFFE6E6FE)
YUV	232.7360, 10.4832, -2.3995
Hunter-Lab	89.7621, -0.3445, -6.6296

Details

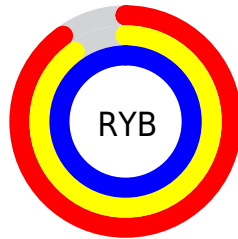
The XYZ color **78.8193, 80.5724, 105.1637** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.5980, 97.6667, 88.9409**, and the grayscale version is **77.1835, 81.2030, 88.4301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8636, 43.6898, 58.9972** is the 20% darker color. If you saturate the color by 10%, you get **64.6946, 63.5542, 102.6246**, and if you desaturate by 10%, it is **94.8896, 99.9359, 108.0555**.

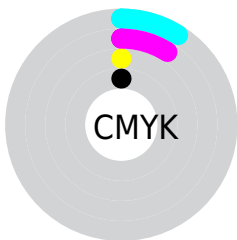
Distribution



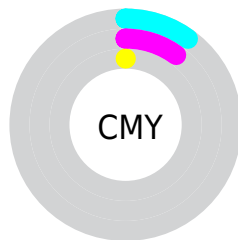
- Red (90%)
- Green (90%)
- Blue (100%)



- Red (90%)
- Yellow (90%)
- Blue (100%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8193, 80.5724, 105.1637 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 78.8193, 80.5724, 105.1637 by changing the saturation by 10% instead.

■ 78.8193, 80.5724,
105.1637

■ 78.8193, 80.5724,
105.1637

479.7422,
496.8598, 598.0116

■ 59.0524, 60.1895,
79.9791

130.6637,
134.1702, 170.3489

■ 42.9018, 43.5714,
59.1751

163.4719,
168.1539, 211.1866

■ 30.0023, 30.3337,
42.3331

201.3579,
207.4399, 258.0790

■ 19.9884, 20.0920,
29.0347

244.6870,
252.4128, 311.4448

■ 12.4948, 12.4619,
18.8613

293.8247,
303.4568, 371.7024

■ 7.1562, 7.0591,
11.3943

349.1362,

■ 3.6072, 3.4991,

360.9564, 439.2703

6.2152

410.9869,
425.2959, 514.5673

■ 1.4824, 1.3975,
2.9055

■ 0.3138, 0.2149,
1.0466

■ 78.8193, 80.5724,
105.1637

■ 78.8193, 80.5724,
105.1637

■ 64.6946, 63.5542,
102.6246

94.8896, 99.9359,
108.0555

■ 52.6894, 49.0890,
100.4652

■ 42.7035, 37.0569,
98.6691

■ 34.6262, 27.3242,
97.2162

■ 28.3358, 19.7445,
96.0848

■ 23.6968, 14.1546,
95.2503

■ 20.5544, 10.3678,
94.6850

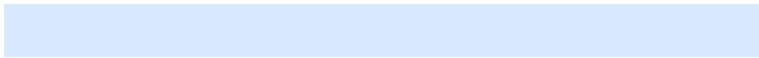
■ 18.7245, 8.1624,
94.3558

■ 17.9228, 7.1961,
94.2115

Harmonies

Analogous

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



75.6430, 80.5724, 106.2705



78.8193, 80.5724, 105.1637



81.4629, 80.5724, 99.2200

Triad

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



78.8193, 80.5724, 105.1637



80.4952, 80.5724, 74.7370



70.6755, 80.5724, 85.0580

Complementary

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



78.8193, 80.5724, 105.1637



90.5980, 97.6667, 88.9409

Split Complementary

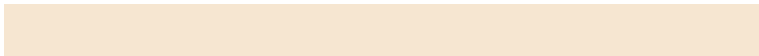
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8994, 80.5724, 77.1625



78.8193, 80.5724, 105.1637



77.5280, 80.5724, 71.4814

Square

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



78.8193, 80.5724, 105.1637



82.4490, 80.5724, 81.5344



74.3868, 80.5724, 72.3374



70.9995, 80.5724, 94.2310

Rectangle

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



78.8193, 80.5724, 105.1637



82.5388, 80.5724, 93.5273



74.3868, 80.5724, 72.3374



70.9182, 80.5724, 82.1767

Sweetspot

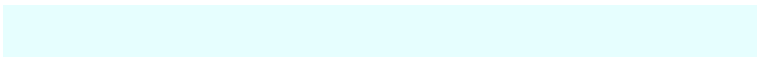
The Sweet Spot groups the original color and five complimentary colors.



78.8217, 80.5758, 105.1655



89.8996, 93.7943, 107.9736



85.9016, 94.8381, 107.2097



18.9551, 19.7299, 23.0592



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.



78.8217, 80.5758, 105.1655



77.1693, 78.4558, 105.6840



82.6684, 82.5574, 105.3452



17.0033, 17.3782, 22.7081



9.4318, 3.7732, 49.6658



0.9184, 0.3675, 4.8358

Inverse Universe

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



83.4546, 83.3793, 86.5622



82.5542, 81.7143, 84.0611



86.4815, 95.5462, 88.7486



18.0096, 17.9871, 18.6675



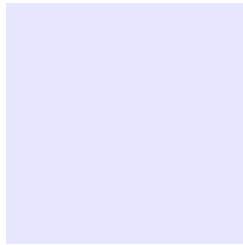
21.5489, 11.1089, 1.0093



2.0982, 1.0816, 0.0985

Previews

White Background



This preview shows how the XYZ color 78.8193, 80.5724, 105.1637 looks on a white background.

Color Contrast Check

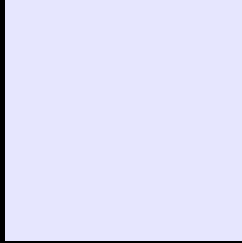
Large Text (above 18pt) WCAG AA × Fail

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 78.8193, 80.5724, 105.1637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

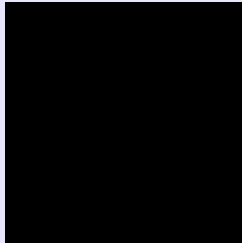
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8193, 80.5724, 105.1637

Background



This preview shows how black text looks on a background with the XYZ color 78.8193, 80.5724, 105.1637.



This preview shows how white text looks on a background with the XYZ color 78.8193, 80.5724,

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

78.8193, 80.5724, 105.1637

Protanopia

78.4993, 80.4074, 105.1488

Deuteranopia

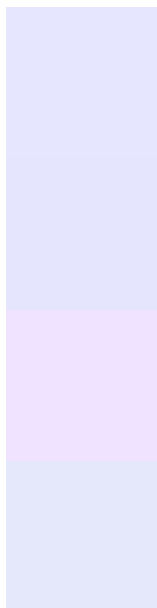
82.2834, 80.3035, 105.7711



Tritanopia

77.9879, 80.6494, 101.0790

Trichromacy



Original Color

78.8193, 80.5724, 105.1637

Protanomaly

78.4993, 80.4074, 105.1488

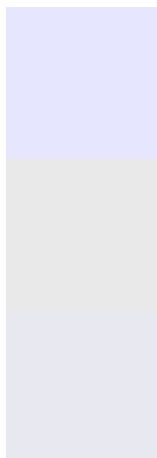
Deuteranomaly

81.1157, 80.5089, 105.8723

Tritanomaly

78.3016, 80.7749, 102.7310

Monochromacy



Original Color

78.8193, 80.5724, 105.1637

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0125, 81.2199, 94.7844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8193, 80.5724, 105.1637 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, 230, 254) looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 254)  
}
```

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, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 254) }
```

Border

The CSS property to change the border of an element to XYZ 78.8193, 80.5724, 105.1637 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, 230, 254) }
```


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

```
.border{ border-color:rgb(230, 230, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 230, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8193, 80.5724, 105.1637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 254) }
```

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

```
.background{ background-color: rgb(230,  
230, 254) }
```

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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