

Converting Colors

XYZ(80.4592, 85.7142,
104.5210)

Have a look what the booklet for
XYZ(80.4592, 85.7142, 104.5210)
contains.

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Color

**XYZ(80.4093, 85.6793,
104.3952)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F0FC
RGB	227, 240, 252
RGB Percent	89%, 94%, 99%
CMY	0.1098, 0.0588, 0.0118
CMYK	0.10, 0.05, 0.00, 0.01
HSL	209°, 81%, 94%
HSV	209°, 10%, 99%
XYZ	80.4093, 85.6793, 104.3952
YIQ	237.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

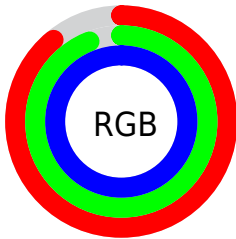
Format	Color
R _Y B	227, 236, 252
Decimal	14938364
CIE Lab	94.18, -2.00, -7.26
CIE LCh	94, 7.528, 254.566
Yxy	85.6793, 0.2973, 0.3168
Android (android.graphics.Color)	4293128444 (0xFFE3F0FC)
YUV	237.4810, 7.1579, -9.1918
Hunter-Lab	92.5631, -6.9230, -2.0747

Details

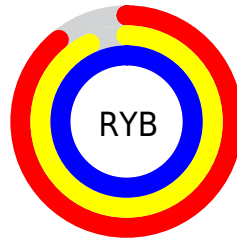
The XYZ color **80.4093, 85.6793, 104.3952** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8769, 87.9740, 85.1817**, and the grayscale version is **80.8219, 85.0310, 92.5987**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0041, 46.9918, 58.3808** is the 20% darker color. If you saturate the color by 10%, you get **69.5939, 74.9961, 102.9045**, and if you desaturate by 10%, it is **92.6303, 97.4439, 106.0232**.

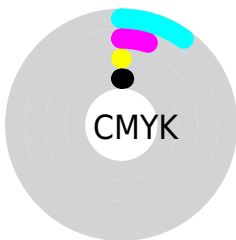
Distribution



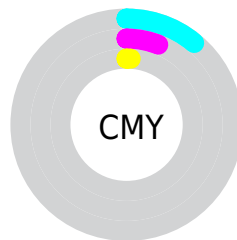
- Red (89%)
- Green (94%)
- Blue (99%)



- Red (89%)
- Yellow (93%)
- Blue (99%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.4093, 85.6793, 104.3952 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 80.4093, 85.6793, 104.3952 by changing the saturation by 10% instead.

80.4093, 85.6793,
104.3952

80.4093, 85.6793,
104.3952

485.0267,
513.8732, 595.5607

60.3648, 64.4028,
79.3389

132.8885,
141.3219, 169.2886

43.9634, 46.9770,
58.6516

166.0540,
176.4568, 209.9627

30.8395, 33.0175,
41.9145

204.3239,
216.9799, 256.6799

20.6279, 22.1398,
28.7093

248.0636,
263.2757, 309.8587

12.9632, 13.9597,
18.6173

297.6383,
315.7285, 369.9177

7.4800, 8.0926,
11.2201

353.4135,

3.8131, 4.1543,

374.7227, 437.2753

6.0990

415.7545,
440.6428, 512.3501

■ 1.5969, 1.7602,
2.8356

■ 0.3904, 0.4622,
1.0113

■ 80.4093, 85.6793,
104.3952

■ 80.4093, 85.6793,
104.3952

■ 69.5939, 74.9961,
102.9045

■ 92.6303, 97.4439,
106.0232

■ 60.1216, 65.3484,
101.5416

■ 94.5709, 99.8084,
106.3773

■ 51.9363, 56.7025,
100.3041

■ 44.9744, 49.0184,
99.1879

■ 39.1669, 42.2531,
98.1882

■ 34.4369, 36.3592,
97.2998

■ 30.6970, 31.2836,
96.5172

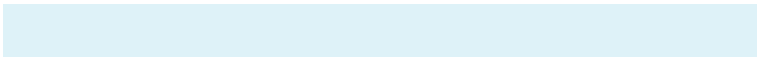
■ 27.8440, 26.9646,
95.8340

■ 25.7128, 23.3085,
95.2406

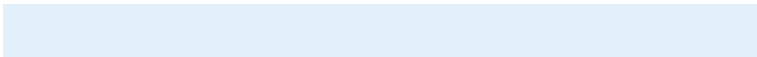
Harmonies

Analogous

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



78.7075, 85.6793, 101.2918



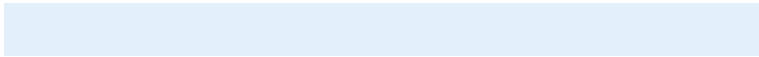
80.4093, 85.6793, 104.3952



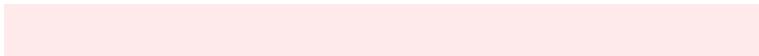
82.4135, 85.6793, 104.4421

Triad

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



80.4093, 85.6793, 104.3952



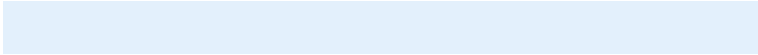
85.2417, 85.6793, 90.5285



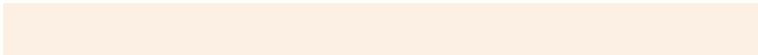
78.7481, 85.6793, 85.6093

Complementary

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



80.4093, 85.6793, 104.3952



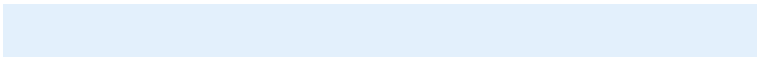
84.8769, 87.9740, 85.1817

Split Complementary

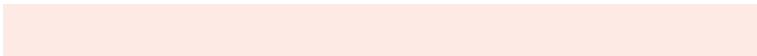
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.4655, 85.6793, 82.9618



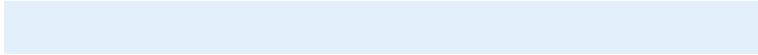
80.4093, 85.6793, 104.3952



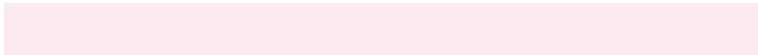
84.2260, 85.6793, 85.7215

Square

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



80.4093, 85.6793, 104.3952



85.2261, 85.6793, 96.2731



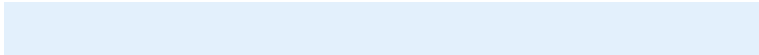
82.4706, 85.6793, 83.0020



77.7592, 85.6793, 90.3695

Rectangle

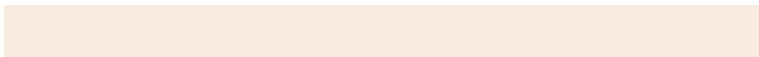
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.4093, 85.6793, 104.3952



83.6527, 85.6793, 102.7249



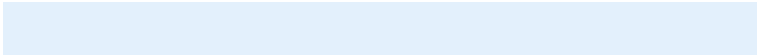
82.4706, 85.6793, 83.0020



79.2581, 85.6793, 84.4516

Sweetspot

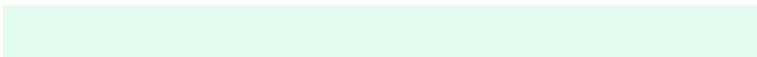
The Sweet Spot groups the original color and five complimentary colors.



80.4118, 85.6829, 104.3971



91.1314, 96.2580, 108.3843



82.0212, 92.1655, 94.8716



19.2865, 20.3928, 23.1696



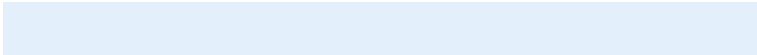
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



80.4118, 85.6829, 104.3971



80.1679, 85.6378, 106.9122



76.9483, 78.7559, 103.2426



17.0300, 18.1368, 21.9885



13.5345, 12.4246, 49.6584



1.3597, 1.3631, 4.6346

Inverse Universe

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



83.3441, 81.9266, 93.8629



83.7785, 81.0967, 93.9222



88.5607, 95.3415, 86.4097



17.6217, 17.3760, 19.8635



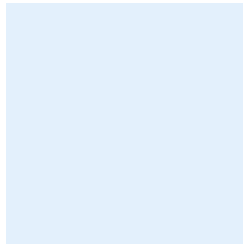
23.1236, 11.6652, 12.6253



2.1952, 1.1018, 1.4516

Previews

White Background



This preview shows how the XYZ color 80.4093, 85.6793, 104.3952 looks on a white background.

Color Contrast Check

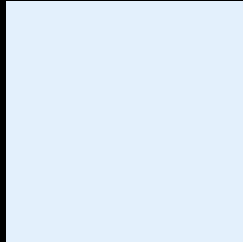
Large Text (above 18pt) WCAG AA × Fail

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 80.4093, 85.6793, 104.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

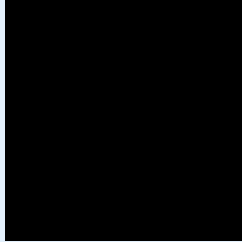
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

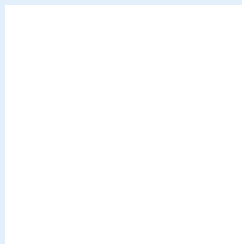
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.4093, 85.6793, 104.3952

Background



This preview shows how black text looks on a background with the XYZ color 80.4093, 85.6793, 104.3952.



This preview shows how white text looks on a background with the XYZ color 80.4093, 85.6793,

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

80.4093, 85.6793, 104.3952

Protanopia

83.1361, 85.8212, 102.6259

Deuteranopia

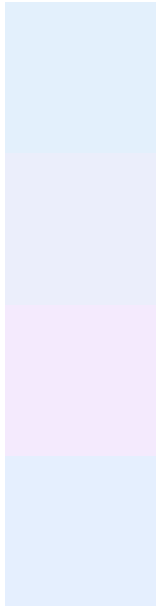
87.3384, 85.3784, 105.6424



Tritanopia

81.5496, 85.7760, 106.8660

Trichromacy



Original Color

80.4093, 85.6793, 104.3952

Protanomaly

82.2481, 85.7763, 103.4883

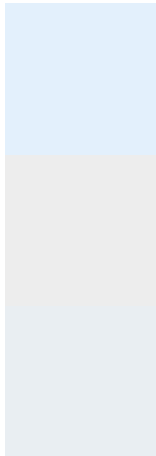
Deuteranomaly

84.4607, 85.1706, 104.9165

Tritanomaly

81.0690, 85.5468, 106.0053

Monochromacy



Original Color

80.4093, 85.6793, 104.3952

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.2058, 84.8835, 96.1613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4093, 85.6793, 104.3952 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(227, 240, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 240, 252)  
}
```

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(227, 240, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 240, 252) }
```

Border

The CSS property to change the border of an element to XYZ 80.4093, 85.6793, 104.3952 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(227, 240, 252) }
```


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

```
.border{ border-color:rgb(227, 240, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 240, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 240, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 240, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 240,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4093, 85.6793, 104.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 240, 252) }
```

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

```
.background{ background-color: rgb(227,  
240, 252) }
```

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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