

Converting Colors

XYZ(40.8104, 51.7641, 84.1845)

Have a look what the booklet for
XYZ(40.8104, 51.7641, 84.1845)
contains.

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Color

**XYZ(40.8104, 51.7641,
84.1845)**

Conversions

Conversions Part 1

Format	Color
Hex	5CCDE8
RGB	92, 205, 232
RGB Percent	36%, 80%, 91%
CMY	0.6392, 0.1961, 0.0902
CMYK	0.60, 0.12, 0.00, 0.09
HSL	192°, 75%, 64%
HSV	192°, 60%, 91%
XYZ	40.8104, 51.7641, 84.1845
YIQ	174.2910, -76.0150, -15.5590

Conversions

Conversions Part 2

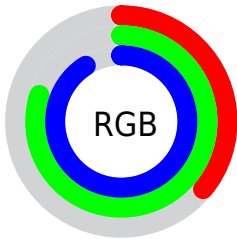
Format	Color
R _Y B	92, 155, 232
Decimal	6082024
CIE Lab	77.14, -24.26, -22.98
CIE LCh	77, 33.412, 223.451
Yxy	51.7641, 0.2309, 0.2929
Android (android.graphics.Color)	4284272104 (0xFF5CCDE8)
YUV	174.2910, 28.4505, -72.1692
Hunter-Lab	71.9473, -24.6578, -19.0113

Details

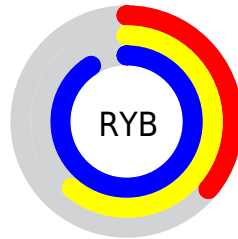
The XYZ color **40.8104, 51.7641, 84.1845** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **41.8087, 31.1238, 13.9308**, and the grayscale version is **40.2696, 42.3668, 46.1374**.

A 20% lighter version of the original color is **67.1364, 85.6100, 107.5937**, and **18.9031, 25.2678, 44.9552** is the 20% darker color. If you saturate the color by 10%, you get **37.7832, 48.6383, 83.7417**, and if you desaturate by 10%, it is **44.5809, 55.3206, 84.6732**.

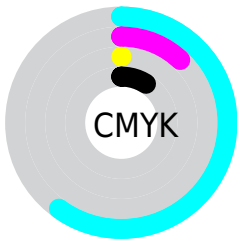
Distribution



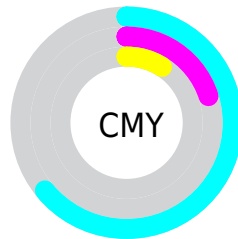
- Red (36%)
- Green (80%)
- Blue (91%)



- Red (36%)
- Yellow (61%)
- Blue (91%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (64%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8104, 51.7641, 84.1845 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 40.8104, 51.7641, 84.1845 by changing the saturation by 10% instead.

40.8104, 51.7641,
84.1845

40.8104, 51.7641,
84.1845

340.6037,
393.5252, 528.9998

28.3580, 36.8171,
62.6215

75.6725, 92.7832,
141.0973

18.7375, 25.0659,
45.0960

98.8129, 119.6242,
177.2841

11.5836, 16.1262,
31.1896

126.2467,
151.1985, 219.1827

6.5310, 9.6135,
20.4836

158.3392,
187.8906, 267.2114

3.2143, 5.1434,
12.5595

195.4558,
230.0850, 321.7890

1.2681, 2.3317,
6.9988

237.9619,

0.1591, 0.7904,

278.1659, 383.3339

3.3829

286.2227,
332.5179, 452.2646

■ 0.0000, 0.0000,
1.2933

■ 0.0000, 0.0000,
0.0563

■ 40.8104, 51.7641,
84.1845

■ 40.8104, 51.7641,
84.1845

■ 37.7832, 48.6383,
83.7417

■ 44.5809, 55.3206,
84.6732

■ 35.4270, 45.9025,
83.3378


■ 49.1487, 59.3329,
85.2069


■ 33.6632, 43.5167,
82.9703


■ 54.5683, 63.8305,
85.7894


■ 32.3910, 41.4770,
82.6436


■ 60.8878, 68.8385,
86.4230

 68.1518, 74.3803,
87.1098

 76.4017, 80.4777,
87.8519

 85.6766, 87.1510,
88.6511

 87.2008, 89.8766,
89.0969

 88.5401, 92.5552,
89.5433

Harmonies

Analogous

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



38.1941, 51.7641, 64.9483



40.8104, 51.7641, 84.1845



45.7836, 51.7641, 97.2587

Triad

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



40.8104, 51.7641, 84.1845



61.9398, 51.7641, 66.9885



46.3977, 51.7641, 28.6034

Complementary

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



40.8104, 51.7641, 84.1845



41.8087, 31.1238, 13.9308

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.



52.7827, 51.7641, 28.9177



40.8104, 51.7641, 84.1845



62.1404, 51.7641, 48.5684

Square

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



40.8104, 51.7641, 84.1845



58.1412, 51.7641, 85.9540



58.6676, 51.7641, 35.4643



41.2264, 51.7641, 34.4859

Rectangle

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



40.8104, 51.7641, 84.1845



49.9434, 51.7641, 99.2773



58.6676, 51.7641, 35.4643



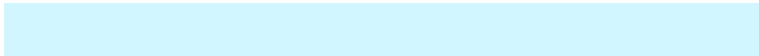
48.4645, 51.7641, 28.0338

Sweetspot

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



40.8121, 51.7660, 84.1857



77.3736, 86.7915, 107.2822



36.5219, 61.2899, 26.9430



16.0290, 18.1647, 22.9113



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.



40.8121, 51.7660, 84.1857



46.1643, 59.5473, 103.6684



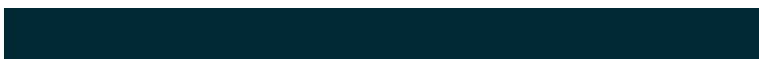
27.8319, 25.8058, 79.8590



14.5589, 15.8391, 18.4343



18.0709, 23.2039, 45.9095



1.3962, 1.8363, 3.4128

Inverse Universe

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



48.1267, 29.2195, 60.8629



56.3831, 30.9632, 70.4321



53.1240, 53.7544, 17.7025



14.8697, 14.5651, 17.5141



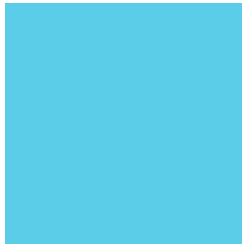
23.5149, 11.5402, 27.4040



1.7684, 0.8651, 2.1867

Previews

White Background



This preview shows how the XYZ color 40.8104, 51.7641, 84.1845 looks on a white background.

Color Contrast Check

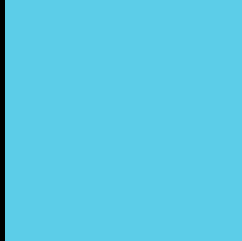
Large Text (above 18pt) WCAG AA × Fail

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 40.8104, 51.7641, 84.1845 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 40.8104, 51.7641, 84.1845

Background



This preview shows how black text looks on a background with the XYZ color 40.8104, 51.7641, 84.1845.



This preview shows how white text looks on a background with the XYZ color 40.8104, 51.7641,

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

40.8104, 51.7641, 84.1845

Protanopia

50.4299, 51.2010, 74.9350

Deuteranopia

52.0177, 50.8213, 86.4247



Tritanopia

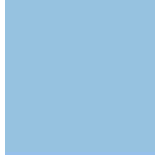
39.4151, 51.5450, 77.6838

Trichromacy



Original Color

40.8104, 51.7641, 84.1845



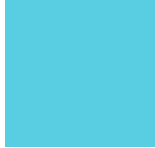
Protanomaly

45.3240, 50.4494, 77.8699



Deuteranomaly

46.4227, 50.1815, 85.8365



Tritanomaly

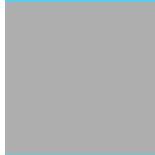
39.9186, 51.7574, 79.8378

Monochromacy



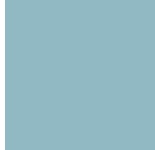
Original Color

40.8104, 51.7641, 84.1845



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

38.7009, 44.5673, 58.1924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8104, 51.7641, 84.1845 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(92, 205, 232)` looks like.

```
.text, #text, p{  
    color:rgb(92, 205, 232)  
}
```

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(92, 205, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 205, 232) }
```

Border

The CSS property to change the border of an element to XYZ 40.8104, 51.7641, 84.1845 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(92, 205, 232) }
```


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

```
.border{ border-color:rgb(92, 205, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 205, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 205, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 205, 232);  
box-shadow:4px 4px 4px 4px rgb(92, 205,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8104, 51.7641, 84.1845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 205, 232) }
```

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

```
.background{ background-color: rgb(92, 205,  
232) }
```

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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