

Converting Colors

XYZ(52.0833, 68.9733, 81.0891)

Have a look what the booklet for
XYZ(52.0833, 68.9733, 81.0891)
contains.

XYZ(52.0833, 68.9733, 81.0891)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.0833, 68.9733,
81.0891)**

Conversions

Conversions Part 1

Format	Color
Hex	82EAE0
RGB	130, 234, 224
RGB Percent	51%, 92%, 88%
CMY	0.4902, 0.0823, 0.1216
CMYK	0.44, 0.00, 0.04, 0.08
HSL	174°, 71%, 71%
HSV	174°, 44%, 92%
XYZ	52.0833, 68.9733, 81.0891
YIQ	201.7640, -58.7740, -25.1580

Conversions

Conversions Part 2

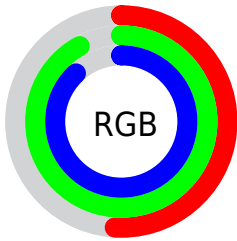
Format	Color
R_{YB}	130, 185, 234
Decimal	8579808
CIE _{Lab}	86.49, -32.61, -4.58
CIE _{LCh}	86, 32.933, 187.990
Yxy	68.9733, 0.2577, 0.3412
Android (android.graphics.Color)	4286769888 (0xFF82EAE0)
YUV	201.7640, 10.9623, -62.9370
Hunter-Lab	83.0502, -33.3950, 0.2451

Details

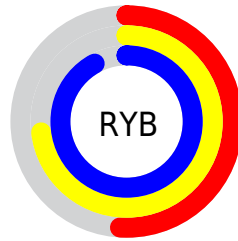
The XYZ color **52.0833, 68.9733, 81.0891** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.6503, 35.3531, 29.1786**, and the grayscale version is **55.9538, 58.8677, 64.1070**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **25.6804, 36.0450, 43.1400** is the 20% darker color. If you saturate the color by 10%, you get **48.5913, 67.2098, 79.3442**, and if you desaturate by 10%, it is **56.3995, 71.1645, 82.8967**.

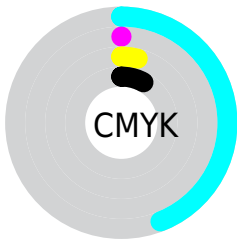
Distribution



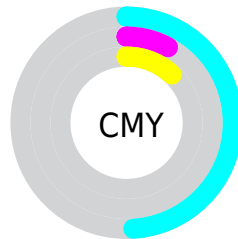
- Red (51%)
- Green (92%)
- Blue (88%)



- Red (51%)
- Yellow (73%)
- Blue (92%)



- Cyan (44%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)





- Cyan (49%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0833, 68.9733, 81.0891 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 52.0833, 68.9733, 81.0891 by changing the saturation by 10% instead.


 52.0833, 68.9733,
81.0891


 52.0833, 68.9733,
81.0891

385.0768,
456.9368, 518.3989


 37.2960, 50.6900,
60.0836


 92.4276, 117.7434,
136.7211

 25.6115, 35.9619,
43.0602

 118.7153,
148.9990, 172.1846

 16.6644, 24.4048,
29.6006


 149.5672,
185.3475, 213.3045

 10.0893, 15.6342,
19.2862

185.3486,
227.1732, 260.4993

 5.5209, 9.2657,
11.6983

226.4249,
274.8606, 314.1876

 2.5939, 4.9149,
6.4186

273.1615,

 0.9428, 2.1974,

328.7941, 374.7880

3.0284

325.9237,
389.3580, 442.7189

■ 0.0000, 0.7186,
1.1091

■ 0.0000, 0.0000,
0.0000

■ 52.0833, 68.9733,
81.0891

■ 52.0833, 68.9733,
81.0891

■ 48.5913, 67.2098,
79.3442

■ 56.3995, 71.1645,
82.8967

■ 45.8614, 65.8371,
77.6545


■ 61.5846, 73.8016,
84.7646


■ 43.8325, 64.8253,
76.0185


■ 67.6873, 76.9112,
86.6967


■ 42.4313, 64.1366,
74.4328


■ 74.7510, 80.5157,
88.6951


 41.5683, 63.7249,
72.8930


 82.8162, 84.6361,
90.7618

 41.2444, 63.5761,
72.0536

 86.0240, 86.2519,
92.6226

 86.3559, 86.3847,
94.3704

 86.6919, 86.5191,
96.1401

 87.0322, 86.6552,
97.9316

Harmonies

Analogous

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



52.8819, 68.9733, 60.4372



52.0833, 68.9733, 81.0891



54.6676, 68.9733, 104.0240

Triad

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



52.0833, 68.9733, 81.0891



75.0020, 68.9733, 113.2919



71.2068, 68.9733, 42.5100

Complementary

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



52.0833, 68.9733, 81.0891



46.6503, 35.3531, 29.1786

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.



77.8043, 68.9733, 52.1062



52.0833, 68.9733, 81.0891



80.1112, 68.9733, 91.9615

Square

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



52.0833, 68.9733, 81.0891



67.6161, 68.9733, 124.8289



81.1746, 68.9733, 69.4137



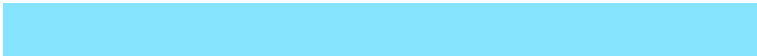
63.5402, 68.9733, 40.7205

Rectangle

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



52.0833, 68.9733, 81.0891



58.0884, 68.9733, 116.6288



81.1746, 68.9733, 69.4137



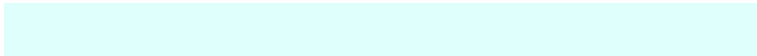
73.6399, 68.9733, 44.8254

Sweetspot

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



52.0853, 68.9760, 81.0907



83.3791, 94.0423, 105.6965



44.3370, 66.0704, 31.5366



17.4657, 19.9347, 22.5100



0.0000, 0.0000, 0.0000



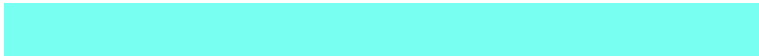
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0853, 68.9760, 81.0907



59.5122, 81.9133, 96.6799



42.9969, 48.5639, 84.9525



15.4516, 17.0955, 19.0608



23.2022, 35.7353, 40.6251



1.8401, 2.8134, 3.2858

Inverse Universe

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



46.6503, 35.3531, 29.1786



52.1616, 36.3462, 26.4017



52.6399, 48.4595, 27.6998



15.1243, 15.0776, 15.9399



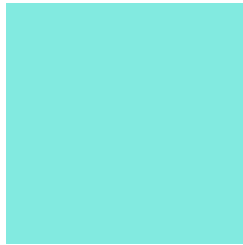
19.1722, 9.8716, 1.4423



1.5255, 0.7832, 0.2187

Previews

White Background



This preview shows how the XYZ color 52.0833, 68.9733, 81.0891 looks on a white background.

Color Contrast Check

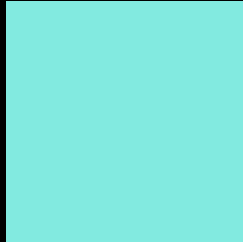
Large Text (above 18pt) WCAG AA × Fail

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 52.0833, 68.9733, 81.0891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

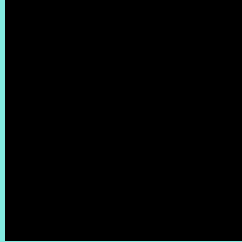
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

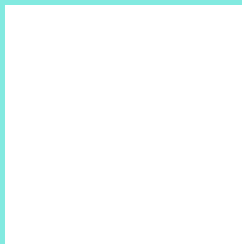
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0833, 68.9733, 81.0891

Background



This preview shows how black text looks on a background with the XYZ color 52.0833, 68.9733, 81.0891.



This preview shows how white text looks on a background with the XYZ color 52.0833, 68.9733,

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

52.0833, 68.9733, 81.0891

Protanopia

65.5720, 68.1129, 72.6419

Deuteranopia

69.5764, 68.0811, 83.6026



Tritanopia

55.7122, 68.7515, 99.9566

Trichromacy



Original Color

52.0833, 68.9733, 81.0891



Protanomaly

58.8744, 67.2875, 75.5304



Deuteranomaly

61.1847, 67.1582, 82.4111



Tritanomaly

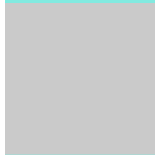
54.1356, 68.5114, 92.8089

Monochromacy



Original Color

52.0833, 68.9733, 81.0891



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.5839, 61.9764, 70.1112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0833, 68.9733, 81.0891 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(130, 234, 224)` looks like.

```
.text, #text, p{  
    color:rgb(130, 234, 224)  
}
```

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(130, 234, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 234, 224) }
```

Border

The CSS property to change the border of an element to XYZ 52.0833, 68.9733, 81.0891 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(130, 234, 224) }
```


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

```
.border{ border-color:rgb(130, 234, 224) }
```

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

Here you see how a box with a 4 pixel rgb(130, 234, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 234, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 234, 224);  
box-shadow:4px 4px 4px 4px rgb(130, 234,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0833, 68.9733, 81.0891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 234, 224) }
```

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

```
.background{ background-color: rgb(130,  
234, 224) }
```

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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