

Converting Colors

XYZ(41.5231, 51.5317, 58.6696)

Have a look what the booklet for
XYZ(41.5231, 51.5317, 58.6696)
contains.

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Color

**XYZ(41.6734, 51.7116,
58.8238)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCAC2
RGB	140, 202, 194
RGB Percent	55%, 79%, 76%
CMY	0.4510, 0.2078, 0.2392
CMYK	0.31, 0.00, 0.04, 0.21
HSL	172°, 37%, 67%
HSV	172°, 31%, 79%
XYZ	41.6734, 51.7116, 58.8238
YIQ	182.5500, -34.3840, -15.6320

Conversions

Conversions Part 2

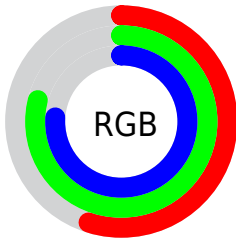
Format	Color
RYB	140, 173, 202
Decimal	9226946
CIELab	77.11, -21.48, -2.36
CIELCh	77, 21.609, 186.267
Yxy	51.7116, 0.2738, 0.3397
Android (android.graphics.Color)	4287417026 (0xFF8CCAC2)
YUV	182.5500, 5.6448, -37.3164
Hunter-Lab	71.9108, -22.4004, 1.8377

Details

The XYZ color **41.6734, 51.7116, 58.8238** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0824, 33.4524, 32.4163**, and the grayscale version is **44.7482, 47.0786, 51.2686**.

A 20% lighter version of the original color is **75.5210, 90.0242, 103.8385**, and **19.2540, 25.0995, 28.6408** is the 20% darker color. If you saturate the color by 10%, you get **38.2872, 50.0008, 57.1511**, and if you desaturate by 10%, it is **45.6926, 53.7507, 60.5552**.

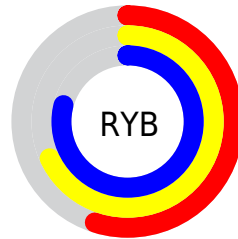
Distribution



Red (55%)

Green (79%)

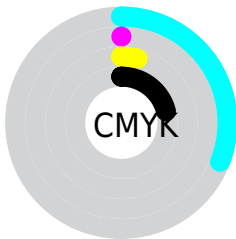
Blue (76%)



Red (55%)

Yellow (68%)

Blue (79%)

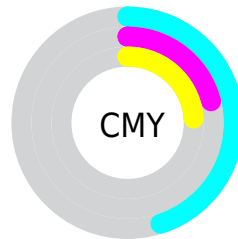


Cyan (31%)

Magenta (0%)

Yellow (4%)

Black (21%)



Cyan (45%)


Magenta (21%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6734, 51.7116, 58.8238 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 41.6734, 51.7116, 58.8238 by changing the saturation by 10% instead.


 41.6734, 51.7116,
58.8238


 41.6734, 51.7116,
58.8238

344.1420,
393.3222, 437.9323

 29.0356, 36.7752,
42.0522


 76.9734, 92.7058,
104.6481

 19.2522, 25.0335,
28.8163


 100.3663,
119.5324, 134.5380

 11.9577, 16.1020,
18.6975


 128.0749,
151.0912, 169.6376

 6.7869, 9.5964,
11.2773

160.4647,
187.7666, 210.3657

 3.3743, 5.1322,
6.1372

197.9009,
229.9430, 257.1406

 1.3547, 2.3250,
2.8585

240.7490,

 0.2236, 0.7869,

278.0048, 310.3810

1.0229

289.3742,
332.3364, 370.5054

■ 0.0000, 0.0000,
0.0000

■ 41.6734, 51.7116,
58.8238

■ 41.6734, 51.7116,
58.8238

■ 38.2872, 50.0008,
57.1511

■ 45.6926, 53.7507,
60.5552

■ 35.4952, 48.5944,
55.5317

■ 50.3718, 56.1283,
62.3433

■ 33.2614, 47.4752,
53.9651

■ 55.7422, 58.8615,
64.1909

■ 31.5440, 46.6216,
52.4490

■ 61.8315, 61.9647,
66.0993

■ 30.2951, 46.0090,
50.9811

■ 68.6658, 65.4513,
68.0700

■ 29.4580, 45.6081,
49.5587

■ 73.9501, 68.1384,
69.9956

■ 28.9511, 45.3748,
48.2709

■ 74.2770, 68.2691,
71.7168

■ 74.6092, 68.4020,
73.4660

■ 74.9467, 68.5370,
75.2434

Harmonies

Analogous

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



42.2349, 51.7116, 47.6407



41.6734, 51.7116, 58.8238



43.0230, 51.7116, 70.8548

Triad

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



41.6734, 51.7116, 58.8238



53.9979, 51.7116, 76.6991



52.4154, 51.7116, 37.9502

Complementary

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



41.6734, 51.7116, 58.8238



39.0824, 33.4524, 32.4163

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.



55.8334, 51.7116, 43.8975



41.6734, 51.7116, 58.8238



56.7822, 51.7116, 65.9611

Square

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



41.6734, 51.7116, 58.8238



50.0221, 51.7116, 82.0656



57.4720, 51.7116, 53.8594



48.2888, 51.7116, 36.5930

Rectangle

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



41.6734, 51.7116, 58.8238



44.8720, 51.7116, 77.4100



57.4720, 51.7116, 53.8594



53.6923, 51.7116, 39.4338

Sweetspot

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



41.6749, 51.7137, 58.8250



86.6316, 95.7148, 106.0357



38.1168, 50.4575, 32.5423



18.2713, 20.3489, 22.5986



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.



41.6749, 51.7137, 58.8250



66.5383, 85.5211, 97.6536



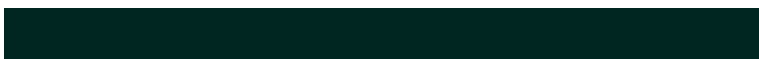
37.6511, 42.1887, 62.0384



11.4785, 12.7012, 14.0773



18.6522, 29.2062, 31.1829



0.9801, 1.5138, 1.7025

Inverse Universe

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



39.0824, 33.4524, 32.4163



61.4500, 49.6380, 45.7902



42.1425, 40.5516, 30.4181



11.2703, 11.2368, 11.9579



15.8126, 8.1356, 1.4657



0.8356, 0.4277, 0.1803

Previews

White Background



This preview shows how the XYZ color 41.6734, 51.7116, 58.8238 looks on a white background.

Color Contrast Check

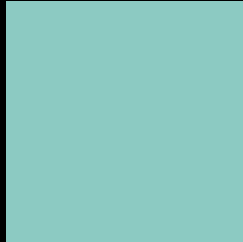
Large Text (above 18pt) WCAG AA × Fail

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 41.6734, 51.7116, 58.8238 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

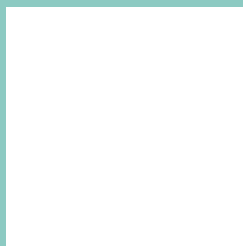
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6734, 51.7116, 58.8238

Background



This preview shows how black text looks on a background with the XYZ color 41.6734, 51.7116, 58.8238.



This preview shows how white text looks on a background with the XYZ color 41.6734, 51.7116,

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

41.6734, 51.7116, 58.8238

Protanopia

49.3087, 51.4097, 53.7786

Deuteranopia

52.2354, 51.1956, 60.5547



Tritanopia

44.3662, 51.7729, 71.9448

Trichromacy



Original Color

41.6734, 51.7116, 58.8238

Protanomaly

45.9327, 51.2564, 55.6167

Deuteranomaly

47.7649, 51.1166, 60.1723

Tritanomaly

43.2445, 51.6532, 66.7223

Monochromacy



Original Color

41.6734, 51.7116, 58.8238

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.3194, 48.6303, 54.1171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6734, 51.7116, 58.8238 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(140, 202, 194)` looks like.

```
.text, #text, p{  
    color:rgb(140, 202, 194)  
}
```

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(140, 202, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 202, 194) }
```

Border

The CSS property to change the border of an element to XYZ 41.6734, 51.7116, 58.8238 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(140, 202, 194) }
```


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

```
.border{ border-color:rgb(140, 202, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 202, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 202, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 202, 194);  
box-shadow:4px 4px 4px 4px rgb(140, 202,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6734, 51.7116, 58.8238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 202, 194) }
```

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

```
.background{ background-color: rgb(140,  
202, 194) }
```

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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