

Converting Colors

XYZ(32.8577, 44.5163, 52.4331)

Have a look what the booklet for
XYZ(32.8577, 44.5163, 52.4331)
contains.

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Color

**XYZ(32.8733, 44.5857,
52.2207)**

Conversions

Conversions Part 1

Format	Color
Hex	61C2B8
RGB	97, 194, 184
RGB Percent	38%, 76%, 72%
CMY	0.6196, 0.2392, 0.2784
CMYK	0.50, 0.00, 0.05, 0.24
HSL	174°, 44%, 57%
HSV	174°, 50%, 76%
XYZ	32.8733, 44.5857, 52.2207
YIQ	163.8570, -54.6020, -23.6740

Conversions

Conversions Part 2

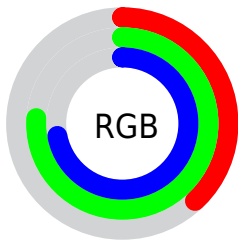
Format	Color
R _{YB}	97, 148, 194
Decimal	6406840
CIE Lab	72.62, -31.00, -3.76
CIE LCh	73, 31.231, 186.918
Yxy	44.5857, 0.2535, 0.3438
Android (android.graphics.Color)	4284596920 (0xFF61C2B8)
YUV	163.8570, 9.9305, -58.6336
Hunter-Lab	66.7725, -28.9732, 0.3719

Details

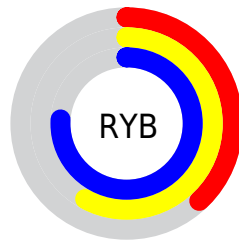
The XYZ color **32.8733, 44.5857, 52.2207** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.1782, 21.0815, 16.4428**, and the grayscale version is **35.1927, 37.0254, 40.3207**.

A 20% lighter version of the original color is **63.5518, 82.1557, 94.9462**, and **14.1345, 20.7349, 24.7300** is the 20% darker color. If you saturate the color by 10%, you get **30.8456, 43.5655, 51.0397**, and if you desaturate by 10%, it is **35.4120, 45.8711, 53.4430**.

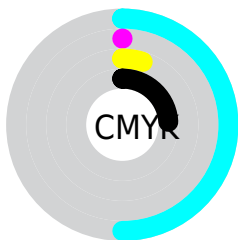
Distribution



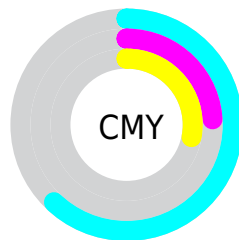
- Red (38%)
- Green (76%)
- Blue (72%)



- Red (38%)
- Yellow (58%)
- Blue (76%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8733, 44.5857, 52.2207 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 32.8733, 44.5857, 52.2207 by changing the saturation by 10% instead.

■ 32.8733, 44.5857,
52.2207

■ 32.8733, 44.5857,
52.2207

306.7535,
365.0930, 412.2692

■ 22.1882, 31.1312,
36.7976

■ 63.5337, 82.0984,
94.8865

■ 14.1126, 20.6988,
24.7562

■ 84.2396, 106.9253,
122.9663

■ 8.2813, 12.9040,
15.6782

■ 109.0166,
136.3119, 156.1021

■ 4.3288, 7.3625,
9.1448

■ 138.2299,
170.6425, 194.7123

■ 1.8898, 3.6898,
4.7377

172.2448,
210.3016, 239.2156

■ 0.5709, 1.5016,
2.0381

211.4269,

■ 0.0000, 0.2899,

255.6734, 290.0305

0.5786

256.1413,
307.1424, 347.5755

■ 0.0000, 0.0000,
0.0000

■ 32.8733, 44.5857,
52.2207

■ 32.8733, 44.5857,
52.2207

■ 30.8456, 43.5655,
51.0397

■ 35.4120, 45.8711,
53.4430

■ 29.2876, 42.7860,
49.8952

■ 38.4915, 47.4339,
54.7052

■ 28.1577, 42.2269,
48.7861


■ 42.1440, 49.2918,
56.0098


■ 27.4055, 41.8622,
47.7099


■ 46.3980, 51.4593,
57.3582


■ 26.9325, 41.6411,
46.6620


■ 51.2801, 53.9504,
58.7518

 26.9324, 41.6410,
46.6619

 56.8153, 56.7777,
60.1917

 63.0272, 59.9536,
61.6791

 69.9382, 63.4895,
63.2152

 71.1939, 64.1096,
64.5025

Harmonies

Analogous

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



33.5161, 44.5857, 37.7853



32.8733, 44.5857, 52.2207



34.5983, 44.5857, 68.7131

Triad

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



32.8733, 44.5857, 52.2207



48.9327, 44.5857, 76.4484



46.5847, 44.5857, 25.9870

Complementary

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



32.8733, 44.5857, 52.2207



29.1782, 21.0815, 16.4428

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.



51.2430, 44.5857, 32.7704



32.8733, 44.5857, 52.2207



52.6771, 44.5857, 61.1778

Square

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



32.8733, 44.5857, 52.2207



43.6417, 44.5857, 84.5014



53.5566, 44.5857, 45.0483



41.1377, 44.5857, 24.5847

Rectangle

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



32.8733, 44.5857, 52.2207



36.9530, 44.5857, 78.0056



53.5566, 44.5857, 45.0483



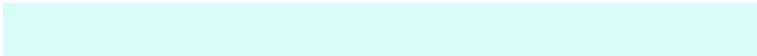
48.3082, 44.5857, 27.6310

Sweetspot

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



32.8746, 44.5874, 52.2217



79.8818, 91.0989, 102.6248



27.6738, 42.6565, 18.0852



17.1373, 19.7684, 22.3592



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.



32.8746, 44.5874, 52.2217



55.5779, 78.7739, 92.2673



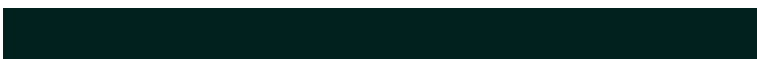
26.6947, 30.4900, 55.5191



10.3223, 11.4100, 12.7007



17.7243, 27.3838, 30.7710



0.7790, 1.1884, 1.3987

Inverse Universe

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



29.1782, 21.0815, 16.4428



48.1471, 31.3580, 20.2212



32.9578, 29.4349, 15.2546



10.1145, 10.0944, 10.6933



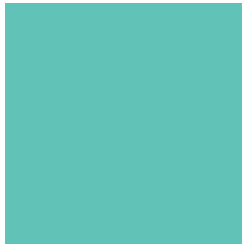
14.7253, 7.5799, 1.1996



0.6507, 0.3333, 0.1282

Previews

White Background



This preview shows how the XYZ color 32.8733, 44.5857, 52.2207 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 32.8733, 44.5857, 52.2207 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 32.8733, 44.5857, 52.2207

Background



This preview shows how black text looks on a background with the XYZ color 32.8733, 44.5857, 52.2207.

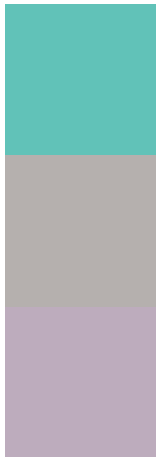


This preview shows how white text looks on a background with the XYZ color 32.8733, 44.5857,

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

32.8733, 44.5857, 52.2207

Protanopia

42.2214, 43.9304, 46.2985

Deuteranopia

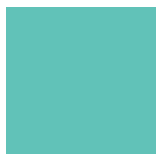
44.9241, 43.9980, 54.2688



Tritanopia

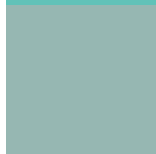
35.4803, 44.6609, 65.1429

Trichromacy



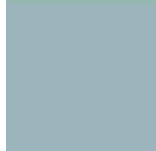
Original Color

32.8733, 44.5857, 52.2207



Protanomaly

37.5470, 43.5654, 48.5495



Deuteranomaly

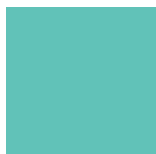
39.0012, 43.2983, 53.3155



Tritanomaly

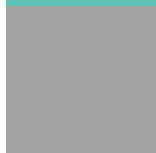
34.4095, 44.5432, 60.2102

Monochromacy



Original Color

32.8733, 44.5857, 52.2207



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.4959, 39.1757, 44.3243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8733, 44.5857, 52.2207 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(97, 194, 184)` looks like.

```
.text, #text, p{  
    color:rgb(97, 194, 184)  
}
```

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(97, 194, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 194, 184) }
```

Border

The CSS property to change the border of an element to XYZ 32.8733, 44.5857, 52.2207 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(97, 194, 184) }
```


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

```
.border{ border-color:rgb(97, 194, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 194, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(97, 194,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8733, 44.5857, 52.2207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 194, 184) }
```

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

```
.background{ background-color: rgb(97, 194,  
184) }
```

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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