

Converting Colors

XYZ(32.5790, 43.4222, 58.2956)

Have a look what the booklet for
XYZ(32.5790, 43.4222, 58.2956)
contains.

XYZ(32.5056, 43.2764, 58.2697)	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(32.5056, 43.2764,
58.2697)**

Conversions

Conversions Part 1

Format	Color
Hex	58BFC3
RGB	88, 191, 195
RGB Percent	35%, 75%, 76%
CMY	0.6549, 0.2510, 0.2353
CMYK	0.55, 0.02, 0.00, 0.24
HSL	182°, 47%, 55%
HSV	182°, 55%, 76%
XYZ	32.5056, 43.2764, 58.2697
YIQ	160.6590, -62.6720, -20.5920

Conversions

Conversions Part 2

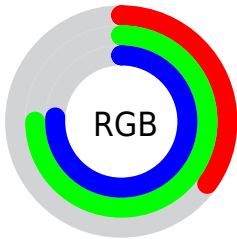
Format	Color
RYB	88, 140, 195
Decimal	5816259
CIELab	71.74, -28.54, -11.10
CIElCh	72, 30.623, 201.247
Yxy	43.2764, 0.2425, 0.3228
Android (android.graphics.Color)	4284006339 (0xFF58BFC3)
YUV	160.6590, 16.9301, -63.7219
Hunter-Lab	65.7848, -26.9229, -6.4675

Details

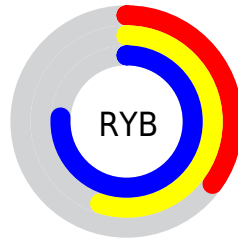
The XYZ color **32.5056, 43.2764, 58.2697** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **28.0951, 19.9618, 11.6059**, and the grayscale version is **33.6641, 35.4173, 38.5694**.

A 20% lighter version of the original color is **63.1707, 80.3661, 104.2782**, and **13.8535, 19.8660, 28.3037** is the 20% darker color. If you saturate the color by 10%, you get **30.7427, 42.1332, 58.1427**, and if you desaturate by 10%, it is **34.7656, 44.6789, 58.4221**.

Distribution



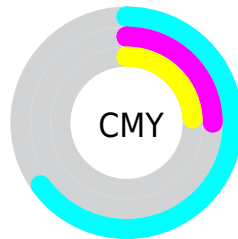
- Red (35%)
- Green (75%)
- Blue (76%)



- Red (35%)
- Yellow (55%)
- Blue (76%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)





- Cyan (65%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5056, 43.2764, 58.2697 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 32.5056, 43.2764, 58.2697 by changing the saturation by 10% instead.


 32.5056, 43.2764,
58.2697


 32.5056, 43.2764,
58.2697

305.1206,
359.7472, 435.8164


 21.9054, 30.1020,
41.6094


 62.9627, 80.1278,
103.8342


 13.9036, 19.9161,
28.4723


 83.5504, 104.5736,
133.5754

 8.1349, 12.3340,
18.4398

 108.1979,
133.5454, 168.5140

 4.2339, 6.9716,
11.0935

 137.2706,
167.4275, 209.0685

 1.8353, 3.4443,
6.0148

171.1338,
206.6043, 255.6574

 0.5388, 1.3679,
2.7852

210.1530,

 0.0000, 0.1929,

251.4603, 308.6994

0.9860

254.6935,
302.3798, 368.6129

■ 0.0000, 0.0000,
0.0000

■ 32.5056, 43.2764,
58.2697

■ 32.5056, 43.2764,
58.2697

■ 30.7427, 42.1332,
58.1427

■ 34.7656, 44.6789,
58.4221

■ 29.4325, 41.2237,
58.0362

■ 37.5545, 46.3544,
58.5985

■ 28.5298, 40.5253,
57.9490

■ 40.9064, 48.3212,
58.8014

■ 27.9778, 40.0089,
57.8784

■ 44.8510, 50.5948,
59.0324

■ 27.7727, 39.7847,
57.8460

■ 49.4163, 53.1894,
59.2926

■ 54.6282, 56.1187,
59.5833

■ 60.5113, 59.3952,
59.9056

■ 67.0890, 63.0309,
60.2607

■ 71.1844, 65.3880,
60.4998

Harmonies

Analogous

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



32.0269, 43.2764, 42.8989



32.5056, 43.2764, 58.2697



35.1902, 43.2764, 73.1443

Triad

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



32.5056, 43.2764, 58.2697



49.4272, 43.2764, 67.3982



42.6722, 43.2764, 24.1197

Complementary

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



32.5056, 43.2764, 58.2697



28.0951, 19.9618, 11.6059

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.



47.7096, 43.2764, 28.1425



32.5056, 43.2764, 58.2697



51.8195, 43.2764, 51.6107

Square

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



32.5056, 43.2764, 58.2697



44.8610, 43.2764, 79.1388



51.1658, 43.2764, 37.4930



37.6173, 43.2764, 25.1659

Rectangle

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



32.5056, 43.2764, 58.2697



38.0036, 43.2764, 79.7422



51.1658, 43.2764, 37.4930



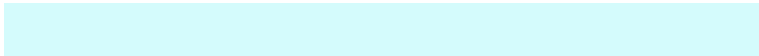
44.4295, 43.2764, 24.8865

Sweetspot

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



32.5069, 43.2781, 58.2707



79.2888, 90.0198, 105.6664



25.4535, 41.8710, 16.7677



17.0257, 19.5195, 23.1202



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.



32.5069, 43.2781, 58.2707



54.4884, 75.0751, 104.0889



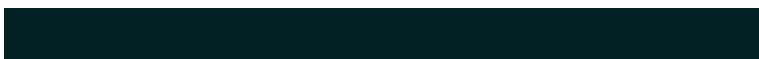
22.9548, 24.1739, 55.0867



10.3352, 11.3618, 12.9332



18.0648, 25.8862, 37.6010



0.7907, 1.1389, 1.6280

Inverse Universe

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



35.4004, 22.3443, 51.7390



60.2915, 34.0761, 90.7686



34.4037, 32.5790, 13.7087



10.4805, 10.2408, 12.6209



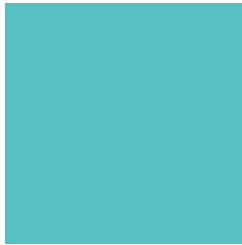
20.5143, 9.8955, 31.6838



0.8915, 0.4296, 1.3961

Previews

White Background



This preview shows how the XYZ color 32.5056, 43.2764, 58.2697 looks on a white background.

Color Contrast Check

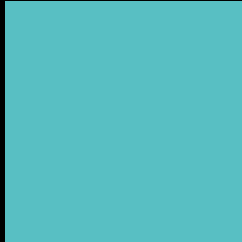
Large Text (above 18pt) WCAG AA × Fail

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 32.5056, 43.2764, 58.2697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

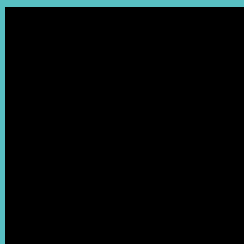
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

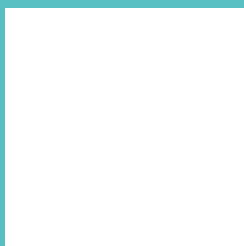
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5056, 43.2764, 58.2697

Background



This preview shows how black text looks on a background with the XYZ color 32.5056, 43.2764, 58.2697.

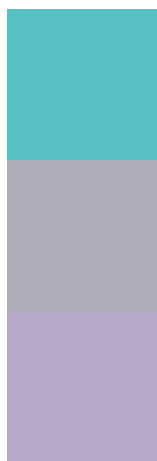


This preview shows how white text looks on a background with the XYZ color 32.5056, 43.2764,

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

32.5056, 43.2764, 58.2697

Protanopia

41.4670, 42.8468, 51.4321

Deuteranopia

43.5059, 42.5763, 59.9579



Tritanopia

33.6307, 43.0783, 64.3000

Trichromacy



Original Color

32.5056, 43.2764, 58.2697

Protanomaly

36.7261, 42.1130, 53.7699

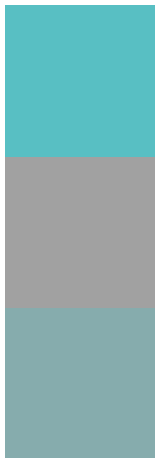
Deuteranomaly

38.1461, 42.1211, 59.5457

Tritanomaly

33.2705, 43.2681, 61.8564

Monochromacy



Original Color

32.5056, 43.2764, 58.2697

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.1269, 37.5905, 45.0976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5056, 43.2764, 58.2697 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(88, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(88, 191, 195)  
}
```

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(88, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 191, 195) }
```

Border

The CSS property to change the border of an element to XYZ 32.5056, 43.2764, 58.2697 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(88, 191, 195) }
```


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

```
.border{ border-color:rgb(88, 191, 195) }
```

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

Here you see how a box with a 4 pixel rgb(88, 191, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 191, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 191, 195);  
box-shadow:4px 4px 4px 4px rgb(88, 191,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5056, 43.2764, 58.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 191, 195) }
```

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

```
.background{ background-color: rgb(88, 191,  
195) }
```

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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