

Converting Colors

XYZ(32.4754, 44.5987, 56.2972)

Have a look what the booklet for
XYZ(32.4754, 44.5987, 56.2972)
contains.

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Color

**XYZ(32.4864, 44.6308,
56.1926)**

Conversions

Conversions Part 1

Format	Color
Hex	53C3BF
RGB	83, 195, 191
RGB Percent	33%, 76%, 75%
CMY	0.6745, 0.2353, 0.2510
CMYK	0.57, 0.00, 0.02, 0.24
HSL	178°, 48%, 55%
HSV	178°, 57%, 76%
XYZ	32.4864, 44.6308, 56.1926
YIQ	161.0560, -65.4680, -24.9880

Conversions

Conversions Part 2

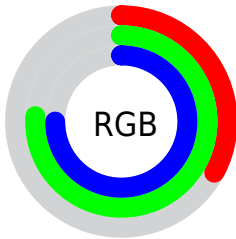
Format	Color
R _Y B	83, 140, 195
Decimal	5489599
CIE Lab	72.65, -32.52, -7.58
CIE LCh	73, 33.387, 193.127
Yxy	44.6308, 0.2437, 0.3348
Android (android.graphics.Color)	4283679679 (0xFF53C3BF)
YUV	161.0560, 14.7624, -68.4551
Hunter-Lab	66.8063, -30.1105, -3.1060

Details

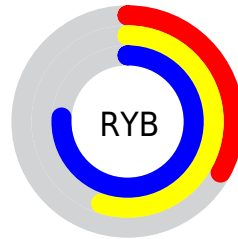
The XYZ color **32.4864, 44.6308, 56.1926** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **27.3208, 18.4782, 11.1452**, and the grayscale version is **33.8590, 35.6223, 38.7927**.

A 20% lighter version of the original color is **62.9266, 82.1758, 100.5406**, and **14.1123, 20.8847, 27.3321** is the 20% darker color. If you saturate the color by 10%, you get **30.9257, 43.8361, 55.7212**, and if you desaturate by 10%, it is **34.5339, 45.6784, 56.6907**.

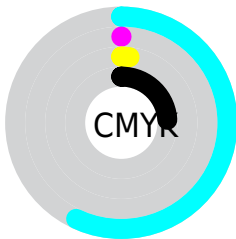
Distribution



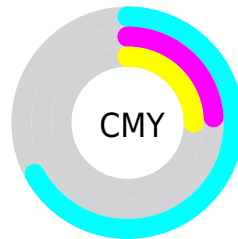
- Red (33%)
- Green (76%)
- Blue (75%)



- Red (33%)
- Yellow (55%)
- Blue (76%)



- Cyan (57%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4864, 44.6308, 56.1926 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 32.4864, 44.6308, 56.1926 by changing the saturation by 10% instead.

■ 32.4864, 44.6308,
56.1926

■ 32.4864, 44.6308,
56.1926

305.0351,
365.2762, 427.8256

■ 21.8906, 31.1667,
39.9523

■ 62.9329, 82.1661,
100.7747

■ 13.8927, 20.7258,
27.1879

■ 83.5143, 107.0061,
129.9537

■ 8.1273, 12.9237,
17.4807

■ 108.1551,
136.4069, 164.2826

■ 4.2290, 7.3761,
10.4122

■ 137.2204,
170.7529, 204.1800

■ 1.8325, 3.6984,
5.5640

171.0757,
210.4284, 250.0645

■ 0.5371, 1.5063,
2.5173

210.0864,

■ 0.0000, 0.2932,

255.8179, 302.3545

0.8493

254.6177,
307.3057, 361.4687

■ 0.0000, 0.0000,
0.0000

■ 32.4864, 44.6308,
56.1926

■ 32.4864, 44.6308,
56.1926

■ 30.9257, 43.8361,
55.7212

■ 34.5339, 45.6784,
56.6907

■ 29.8062, 43.2678,
55.2713

■ 37.1010, 46.9930,
57.2140

■ 29.0803, 42.9023,
54.8418

■ 40.2226, 48.5932,
57.7652

■ 28.6787, 42.7040,
54.4294

■ 43.9290, 50.4950,
58.3456

■ 28.5967, 42.6640,
54.3248

■ 48.2488, 52.7128,
58.9567

■ 53.2082, 55.2604,
59.5996

■ 58.8323, 58.1506,
60.2756

■ 65.1447, 61.3956,
60.9856

■ 70.8651, 64.3353,
61.6699

Harmonies

Analogous

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



32.6441, 44.6308, 39.9256



32.4864, 44.6308, 56.1926



34.8111, 44.6308, 73.7788

Triad

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



32.4864, 44.6308, 56.1926



50.4850, 44.6308, 75.7406



45.7303, 44.6308, 24.0468

Complementary

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



32.4864, 44.6308, 56.1926



27.3208, 18.4782, 11.1452

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.



51.0645, 44.6308, 29.9140



32.4864, 44.6308, 56.1926



53.9759, 44.6308, 58.4373

Square

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



32.4864, 44.6308, 56.1926



44.9961, 44.6308, 86.6751



54.1971, 44.6308, 41.7157



39.9446, 44.6308, 23.7113

Rectangle

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



32.4864, 44.6308, 56.1926



37.5898, 44.6308, 82.8972



54.1971, 44.6308, 41.7157



47.6477, 44.6308, 25.3640

Sweetspot

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



32.4877, 44.6325, 56.1937



78.7970, 90.4968, 104.5124



25.1595, 41.7606, 14.9194



16.9376, 19.6546, 22.8395



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.



32.4877, 44.6325, 56.1937



54.7844, 78.2022, 99.5779



23.4835, 25.9096, 55.3949



10.3525, 11.4220, 12.8595



18.5926, 27.7311, 35.3434



0.8083, 1.2002, 1.5531

Inverse Universe

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



27.3208, 18.4782, 11.1452



44.6702, 26.9130, 11.3275



32.5111, 29.1132, 12.0907



10.0875, 10.0836, 10.5511



14.6589, 7.5533, 0.8502



0.6385, 0.3284, 0.0637

Previews

White Background



This preview shows how the XYZ color 32.4864, 44.6308, 56.1926 looks on a white background.

Color Contrast Check

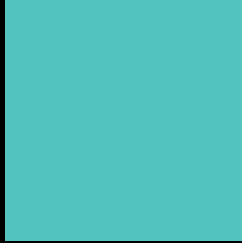
Large Text (above 18pt) WCAG AA × Fail

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 32.4864, 44.6308, 56.1926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

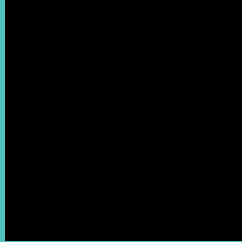
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4864, 44.6308, 56.1926

Background



This preview shows how black text looks on a background with the XYZ color 32.4864, 44.6308, 56.1926.

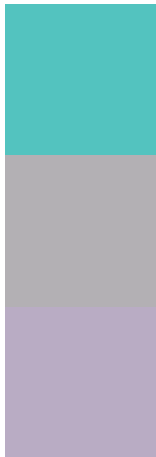


This preview shows how white text looks on a background with the XYZ color 32.4864, 44.6308,

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

32.4864, 44.6308, 56.1926

Protanopia

42.3540, 43.9297, 49.4270

Deuteranopia

44.7239, 43.8049, 58.3225



Tritanopia

34.4513, 44.4270, 66.4340

Trichromacy



Original Color

32.4864, 44.6308, 56.1926



Protanomaly

37.0868, 43.2570, 51.7421



Deuteranomaly

38.2716, 42.8335, 57.2895



Tritanomaly

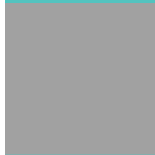
33.6611, 44.4304, 62.6789

Monochromacy



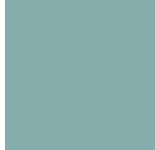
Original Color

32.4864, 44.6308, 56.1926



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

32.0628, 37.8522, 44.6460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4864, 44.6308, 56.1926 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(83, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(83, 195, 191)  
}
```

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(83, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 195, 191) }
```

Border

The CSS property to change the border of an element to XYZ 32.4864, 44.6308, 56.1926 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(83, 195, 191) }
```


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

```
.border{ border-color:rgb(83, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(83, 195,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4864, 44.6308, 56.1926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 195, 191) }
```

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

```
.background{ background-color: rgb(83, 195,  
191) }
```

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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