

Converting Colors

XYZ(32.6925, 44.6615, 58.7793)

Have a look what the booklet for
XYZ(32.6925, 44.6615, 58.7793)
contains.

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Color

**XYZ(32.6737, 44.6758,
58.5310)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 50C3C3 |
| RGB | 80, 195, 195 |
| RGB Percent | 31%, 76%, 76% |
| CMY | 0.6863, 0.2353, 0.2353 |
| CMYK | 0.59, 0.00, 0.00, 0.24 |
| HSL | 180°, 49%, 54% |
| HSV | 180°, 59%, 76% |
| XYZ | 32.6737, 44.6758, 58.5310 |
| YIQ | 160.6150, -68.5400, -24.3800 |

Conversions

Conversions Part 2

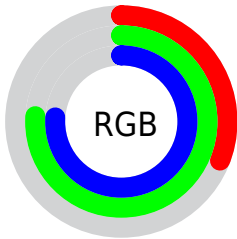
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 80, 138, 195 |
| Decimal | 5292995 |
| CIELab | 72.68, -31.97, -9.73 |
| CIElCh | 73, 33.419, 196.920 |
| Yxy | 44.6758, 0.2405, 0.3288 |
| Android (android.graphics.Color) | 4283483075 (0xFF50C3C3) |
| YUV | 160.6150, 16.9518, -70.6994 |
| Hunter-Lab | 66.8400, -29.7129, -5.1316 |

Details

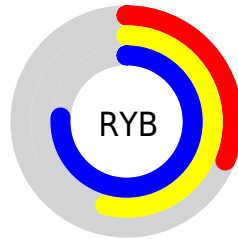
The XYZ color **32.6737, 44.6758, 58.5310** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **26.8238, 17.9200, 9.6360**, and the grayscale version is **33.6458, 35.3980, 38.5484**.

A 20% lighter version of the original color is **63.2075, 82.2486, 103.8110**, and **14.3326, 20.9728, 28.4921** is the 20% darker color. If you saturate the color by 10%, you get **31.2604, 43.9482, 58.4657**, and if you desaturate by 10%, it is **34.5674, 45.6530, 58.6208**.

Distribution



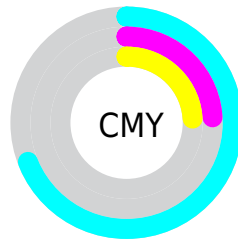
- Red (31%)
- Green (76%)
- Blue (76%)



- Red (31%)
- Yellow (54%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)




- Cyan (69%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6737, 44.6758, 58.5310 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 32.6737, 44.6758, 58.5310 by changing the saturation by 10% instead.


 32.6737, 44.6758,
58.5310


 32.6737, 44.6758,
58.5310


305.8679,
365.4590, 436.8150


 22.0346, 31.2021,
41.8182


 63.2239, 82.2337,
104.2181

 13.9991, 20.7528,
28.6344


 83.8656, 107.0867,
134.0295

 8.2017, 12.9434,
18.5613


 108.5724,
136.5017, 169.0441

 4.2772, 7.3896,
11.1801

 137.7095,
170.8629, 209.6805

 1.8601, 3.7069,
6.0724

171.6422,
210.5549, 256.3573

 0.5535, 1.5110,
2.8197

210.7359,

 0.0000, 0.2965,

255.9620, 309.4930

1.0033

255.3560,
307.4685, 369.5060

■ 0.0000, 0.0000,
0.0000

■ 32.6737, 44.6758,
58.5310

■ 32.6737, 44.6758,
58.5310

■ 31.2604, 43.9482,
58.4657

■ 34.5674, 45.6530,
58.6208

■ 30.2809, 43.4433,
58.4197

■ 36.9750, 46.8942,
58.7336

■ 29.6863, 43.1367,
58.3917

■ 39.9317, 48.4184,
58.8722

■ 29.3912, 42.9847,
58.3777

■ 43.4684, 50.2416,
59.0378

■ 29.3661, 42.9717,
58.3765

■ 47.6137, 52.3787,
59.2320

■ 52.3945, 54.8432,
59.4559

■ 57.8357, 57.6483,
59.7107

■ 63.9614, 60.8062,
59.9975

■ 70.6066, 64.2319,
60.3087

Harmonies

Analogous

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



32.5118, 44.6758, 41.7767



32.6737, 44.6758, 58.5310



35.3009, 44.6758, 75.8604

Triad

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



32.6737, 44.6758, 58.5310



51.1287, 44.6758, 73.8460



45.0338, 44.6758, 23.7195

Complementary

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



32.6737, 44.6758, 58.5310



26.8238, 17.9200, 9.6360

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.



50.5338, 44.6758, 28.8676



32.6737, 44.6758, 58.5310



54.2621, 44.6758, 56.2262

Square

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



32.6737, 44.6758, 58.5310



45.7877, 44.6758, 85.9883



54.0350, 44.6758, 39.9389



39.3032, 44.6758, 24.0639

Rectangle

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



32.6737, 44.6758, 58.5310



38.2447, 44.6758, 84.2857



54.0350, 44.6758, 39.9389



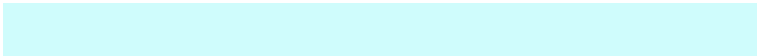
46.9806, 44.6758, 24.8047

Sweetspot

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



32.6750, 44.6775, 58.5321



78.3285, 90.2273, 105.7565



24.4369, 41.4012, 14.2938



16.7124, 19.5317, 23.1390



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.



32.6750, 44.6775, 58.5321



55.3572, 78.3852, 104.6799



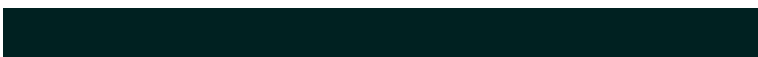
22.4531, 24.2334, 55.1257



10.3686, 11.4285, 12.9442



19.0858, 27.9284, 37.9404



0.8246, 1.2067, 1.6393

Inverse Universe

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



26.8238, 17.9200, 9.6360



43.9141, 26.0562, 9.0553



32.7009, 29.6742, 11.5947



10.0732, 10.0779, 10.4762



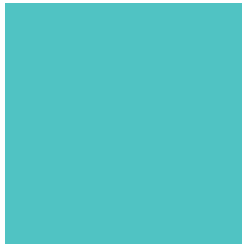
14.6275, 7.5408, 0.6846



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 32.6737, 44.6758, 58.5310 looks on a white background.

Color Contrast Check

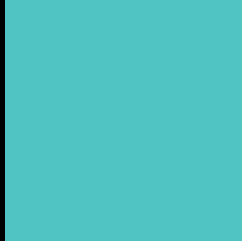
Large Text (above 18pt) WCAG AA × Fail

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 32.6737, 44.6758, 58.5310 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

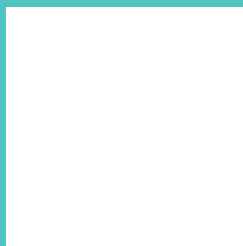
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6737, 44.6758, 58.5310

Background



This preview shows how black text looks on a background with the XYZ color 32.6737, 44.6758, 58.5310.

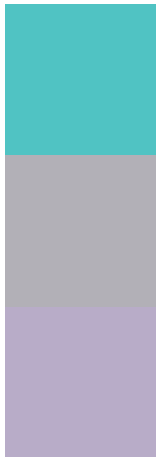


This preview shows how white text looks on a background with the XYZ color 32.6737, 44.6758,

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

32.6737, 44.6758, 58.5310

Protanopia

42.4327, 43.9345, 51.0435

Deuteranopia

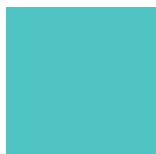
44.9450, 43.8655, 60.7416



Tritanopia

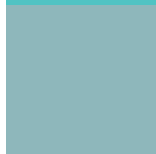
34.4163, 44.7218, 67.1398

Trichromacy



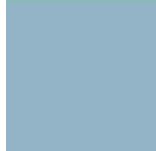
Original Color

32.6737, 44.6758, 58.5310



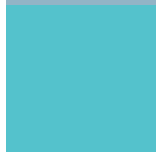
Protanomaly

37.0585, 43.2056, 53.4000



Deuteranomaly

38.3684, 42.8307, 59.6710



Tritanomaly

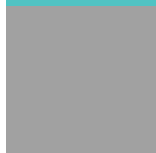
33.8470, 44.8280, 63.9955

Monochromacy



Original Color

32.6737, 44.6758, 58.5310



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

32.0021, 37.8098, 45.1465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6737, 44.6758, 58.5310 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(80, 195, 195)` looks like.

```
.text, #text, p{  
    color:rgb(80, 195, 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(80, 195, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 195, 195) }
```

Border

The CSS property to change the border of an element to XYZ 32.6737, 44.6758, 58.5310 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(80, 195, 195) }
```


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

```
.border{ border-color:rgb(80, 195, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 195, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 195, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 195, 195);  
box-shadow:4px 4px 4px 4px rgb(80, 195,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6737, 44.6758, 58.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 195, 195) }
```

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

```
.background{ background-color: rgb(80, 195,  
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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