

Converting Colors

XYZ(30.4083, 43.9897, 59.7440)

Have a look what the booklet for
XYZ(30.4083, 43.9897, 59.7440)
contains.

| | |
|--|----|
| XYZ(30.5232, 44.2106, 59.7481) | 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(30.5232, 44.2106,
59.7481)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 1CC5C5 |
| RGB | 28, 197, 197 |
| RGB Percent | 11%, 77%, 77% |
| CMY | 0.8901, 0.2274, 0.2274 |
| CMYK | 0.86, 0.00, 0.00, 0.23 |
| HSL | 180°, 75%, 44% |
| HSV | 180°, 86%, 77% |
| XYZ | 30.5232, 44.2106, 59.7481 |
| YIQ | 146.4690, -100.7240, -35.8280 |

Conversions

Conversions Part 2

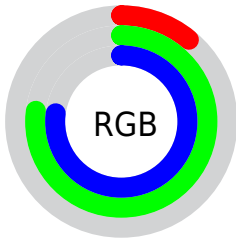
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 28, 113, 197 |
| Decimal | 1885637 |
| CIE Lab | 72.37, -38.50, -11.38 |
| CIE LCh | 72, 40.147, 196.464 |
| Yxy | 44.2106, 0.2270, 0.3287 |
| Android (android.graphics.Color) | 4280075717 (0xFF1CC5C5) |
| YUV | 146.4690, 24.9118, -103.8973 |
| Hunter-Lab | 66.4911, -34.4176, -6.7336 |

Details

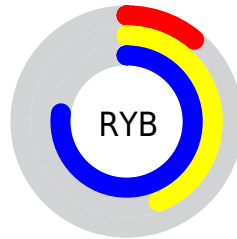
The XYZ color **30.5232, 44.2106, 59.7481** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **23.6523, 12.7861, 2.3213**, and the grayscale version is **27.4476, 28.8770, 31.4470**.

A 20% lighter version of the original color is **59.8867, 81.4189, 106.3250**, and **14.6309, 21.3292, 29.3324** is the 20% darker color. If you saturate the color by 10%, you get **30.1492, 44.0188, 59.7315**, and if you desaturate by 10%, it is **31.2509, 44.5867, 59.7833**.

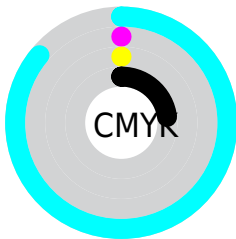
Distribution



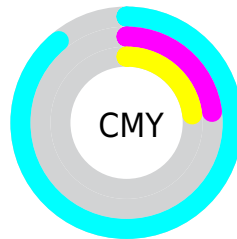
- Red (11%)
- Green (77%)
- Blue (77%)



- Red (11%)
- Yellow (44%)
- Blue (77%)



- Cyan (86%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)





- Cyan (89%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5232, 44.2106, 59.7481 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 30.5232, 44.2106, 59.7481 by changing the saturation by 10% instead.


 30.5232, 44.2106,
59.7481


 30.5232, 44.2106,
59.7481


296.2019,
363.5670, 441.4475


 20.3861, 30.8361,
42.7917


 59.8696, 81.5346,
106.0040


 12.7859, 20.4741,
29.3915


 79.8096, 106.2528,
136.1405

 7.3573, 12.7401,
19.1291


 103.7479,
135.5211, 171.5074

 3.7348, 7.2498,
11.5858

 132.0499,
169.7238, 212.5233

 1.5532, 3.6188,
6.3432

 165.0809,
209.2454, 259.6067

 0.3616, 1.4627,
2.9827

203.2064,

 0.0000, 0.2623,

254.4702, 313.1762

1.0858

246.7916,
305.7826, 373.6503

■ 0.0000, 0.0000,
0.0000

■ 30.5232, 44.2106,
59.7481

■ 30.5232, 44.2106,
59.7481

■ 30.1492, 44.0188,
59.7315

■ 31.2509, 44.5867,
59.7833

■ 30.0451, 43.9651,
59.7266

■ 32.3888, 45.1733,
59.8366

■ 33.9869, 45.9972,
59.9115

■ 36.0871, 47.0798,
60.0099

■ 38.7265, 48.4405,
60.1335

■ 41.9387, 50.0965,
60.2840

■ 45.7548, 52.0637,
60.4626

■ 50.2033, 54.3570,
60.6709

■ 55.3112, 56.9902,
60.9101

Harmonies

Analogous

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



30.3814, 44.2106, 39.7694



30.5232, 44.2106, 59.7481



33.5170, 44.2106, 81.3293

Triad

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



30.5232, 44.2106, 59.7481



52.4079, 44.2106, 79.3943



45.2081, 44.2106, 19.8101

Complementary

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



30.5232, 44.2106, 59.7481



23.6523, 12.7861, 2.3213

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.



51.8536, 44.2106, 25.4856



30.5232, 44.2106, 59.7481



56.3078, 44.2106, 57.6049

Square

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



30.5232, 44.2106, 59.7481



45.9002, 44.2106, 94.6289



56.0944, 44.2106, 38.1384



38.3665, 44.2106, 20.0899

Rectangle

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



30.5232, 44.2106, 59.7481



36.9352, 44.2106, 92.1320



56.0944, 44.2106, 38.1384



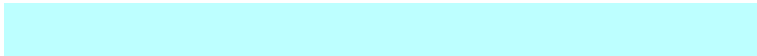
47.5531, 44.2106, 20.9998

Sweetspot

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



30.5245, 44.2122, 59.7492



74.7218, 89.5205, 107.9482



20.7369, 40.3065, 7.7868



15.5397, 18.9271, 23.0841



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.



30.5245, 44.2122, 59.7492



53.8096, 78.7399, 106.9681



16.7260, 16.6149, 55.1505



10.9468, 12.0676, 13.6698



19.7614, 28.9169, 39.2837



0.9357, 1.3692, 1.8601

Inverse Universe

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



23.6523, 12.7861, 2.3213



41.2400, 21.2600, 1.9301



28.7796, 23.0408, 4.0303



10.6339, 10.6369, 11.0554



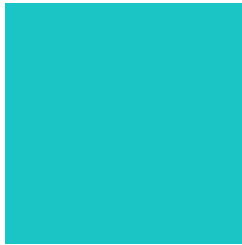
15.1453, 7.8077, 0.7088



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 30.5232, 44.2106, 59.7481 looks on a white background.

Color Contrast Check

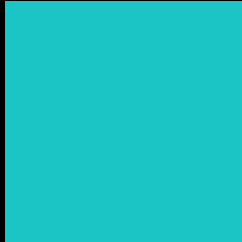
Large Text (above 18pt) WCAG AA × Fail

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 30.5232, 44.2106, 59.7481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

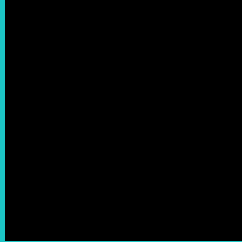
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

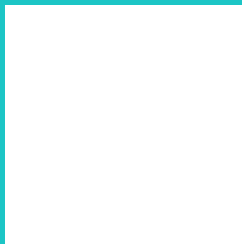
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5232, 44.2106, 59.7481

Background



This preview shows how black text looks on a background with the XYZ color 30.5232, 44.2106, 59.7481.

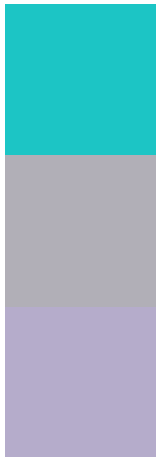


This preview shows how white text looks on a background with the XYZ color 30.5232, 44.2106,

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

30.5232, 44.2106, 59.7481

Protanopia

42.0087, 43.4260, 50.9677

Deuteranopia

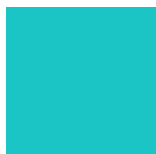
44.5881, 43.6406, 62.5733



Tritanopia

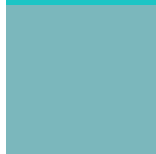
32.3117, 44.2688, 68.4698

Trichromacy



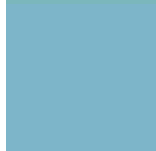
Original Color

30.5232, 44.2106, 59.7481



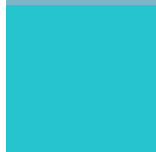
Protanomaly

34.1790, 41.7088, 53.8261



Deuteranomaly

35.5239, 41.6248, 61.4204



Tritanomaly

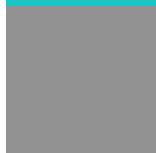
31.6798, 44.3482, 65.2829

Monochromacy



Original Color

30.5232, 44.2106, 59.7481



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.8402, 32.5104, 40.5105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5232, 44.2106, 59.7481 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(28, 197, 197)` looks like.

```
.text, #text, p{  
    color:rgb(28, 197, 197)  
}
```

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(28, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 197, 197) }
```

Border

The CSS property to change the border of an element to XYZ 30.5232, 44.2106, 59.7481 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(28, 197, 197) }
```


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

```
.border{ border-color:rgb(28, 197, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(28, 197,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5232, 44.2106, 59.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 197, 197) }
```

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

```
.background{ background-color: rgb(28, 197,  
197) }
```

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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