

Converting Colors

XYZ(30.5440, 44.6125, 60.9732)

Have a look what the booklet for
XYZ(30.5440, 44.6125, 60.9732)
contains.

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Color

**XYZ(30.5029, 44.5117,
61.0168)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00C6C7 |
| RGB | 0, 198, 199 |
| RGB Percent | 0%, 78%, 78% |
| CMY | 0.9998, 0.2235, 0.2196 |
| CMYK | 1.00, 0.01, 0.00, 0.22 |
| HSL | 180°, 100%, 39% |
| HSV | 180°, 100%, 78% |
| XYZ | 30.5029, 44.5117, 61.0168 |
| YIQ | 138.9120, -118.3290, -41.6650 |

Conversions

Conversions Part 2

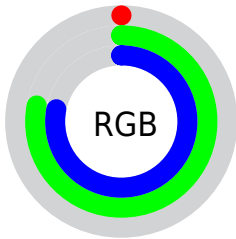
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 99, 199 |
| Decimal | 50887 |
| CIELab | 72.57, -39.44, -12.18 |
| CIELCh | 73, 41.279, 197.167 |
| Yxy | 44.5117, 0.2242, 0.3272 |
| Android (android.graphics.Color) | 4278240967 (0xFF00C6C7) |
| YUV | 138.9120, 29.6234, -121.8258 |
| Hunter-Lab | 66.7171, -35.1451, -7.5223 |

Details

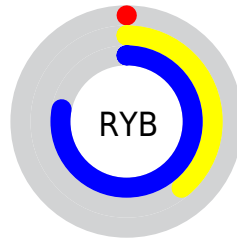
The XYZ color **30.5029, 44.5117, 61.0168** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **23.5651, 12.1650, 1.1073**, and the grayscale version is **24.4346, 25.7071, 27.9950**.

A 20% lighter version of the original color is **59.6357, 81.7433, 107.2426**, and **14.9333, 21.6893, 30.1874** is the 20% darker color. If you saturate the color by 10%, you get **30.5037, 44.5130, 61.0178**, and if you desaturate by 10%, it is **30.8139, 44.7069, 61.0389**.

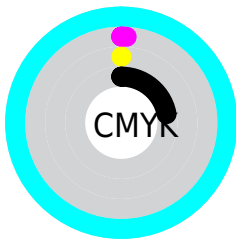
Distribution



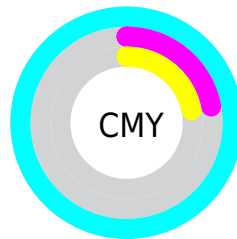
- Red (0%)
- Green (78%)
- Blue (78%)



- Red (0%)
- Yellow (39%)
- Blue (78%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5029, 44.5117, 61.0168 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 30.5029, 44.5117, 61.0168 by changing the saturation by 10% instead.

30.5029, 44.5117,
61.0168

30.5029, 44.5117,
61.0168

296.1095,
364.7923, 446.2439

20.3706, 31.0730,
43.8081

59.8378, 81.9872,
107.8610

12.7745, 20.6544,
30.1836

79.7710, 106.7927,
138.3336

7.3494, 12.8716,
19.7247

103.7020,
136.1560, 174.0646

3.7298, 7.3402,
12.0130

131.9960,
170.4614, 215.4725

1.5504, 3.6758,
6.6299

165.0184,
210.0934, 262.9758

0.3598, 1.4939,
3.1568

203.1345,

0.0000, 0.2844,

255.4362, 316.9931

1.1753

246.7098,
306.8744, 377.9429

■ 0.0000, 0.0000,
0.0000

■ 30.5029, 44.5117,
61.0168

■ 30.5029, 44.5117,
61.0168

■ 30.5037, 44.5130,
61.0178

■ 30.8139, 44.7069,
61.0389

■ 31.4184, 45.0524,
61.0737

■ 32.4203, 45.6029,
61.1272

■ 33.8735, 46.3860,
61.2018

■ 35.8234, 47.4252,
61.2996

■ 38.3099, 48.7411,
61.4225

■ 41.3690, 50.3521,
61.5722

■ 45.0336, 52.2753,
61.7503

■ 49.3338, 54.5263,
61.9581

Harmonies

Analogous

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



30.2874, 44.5117, 40.2499



30.5029, 44.5117, 61.0168



33.6460, 44.5117, 83.3796

Triad

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



30.5029, 44.5117, 61.0168



53.1902, 44.5117, 80.3977



45.4289, 44.5117, 19.3570

Complementary

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



30.5029, 44.5117, 61.0168



23.5651, 12.1650, 1.1073

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.



52.3397, 44.5117, 24.9791



30.5029, 44.5117, 61.0168



57.1480, 44.5117, 57.7296

Square

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



30.5029, 44.5117, 61.0168



46.4884, 44.5117, 96.5513



56.8204, 44.5117, 37.7658



38.3842, 44.5117, 19.7773

Rectangle

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



30.5029, 44.5117, 61.0168



37.2021, 44.5117, 94.4631



56.8204, 44.5117, 37.7658



47.8589, 44.5117, 20.5173

Sweetspot

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



30.5043, 44.5133, 61.0179



72.1627, 88.0195, 107.7938



20.4245, 40.8479, 6.8092



14.9327, 18.5698, 23.0472



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.



30.5043, 44.5133, 61.0179



53.4031, 77.9262, 106.8344



14.8210, 13.1469, 55.7901



10.9420, 12.0581, 13.6682



19.6163, 28.6266, 39.2360



0.9303, 1.3585, 1.8583

Inverse Universe

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



33.7474, 16.2206, 54.7800



59.0846, 28.3978, 95.8984



28.0653, 21.1654, 2.6074



11.0808, 10.8157, 13.4085



21.7008, 10.4299, 35.2296



1.0283, 0.4942, 1.6721

Previews

White Background



This preview shows how the XYZ color 30.5029, 44.5117, 61.0168 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 30.5029, 44.5117, 61.0168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

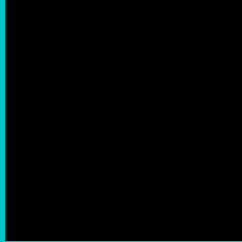
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

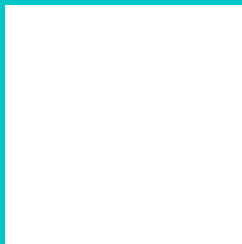
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5029, 44.5117, 61.0168

Background



This preview shows how black text looks on a background with the XYZ color 30.5029, 44.5117, 61.0168.



This preview shows how white text looks on a background with the XYZ color 30.5029, 44.5117,

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

30.5029, 44.5117, 61.0168

Protanopia

42.4138, 43.9006, 52.1372

Deuteranopia

44.8280, 43.7366, 63.8369



Tritanopia

32.3167, 44.5906, 69.1909

Trichromacy



Original Color

30.5029, 44.5117, 61.0168



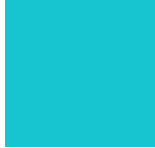
Protanomaly

33.2448, 41.5094, 54.9751



Deuteranomaly

34.3736, 41.0044, 62.6029



Tritanomaly

31.5596, 44.6081, 65.9783

Monochromacy



Original Color

30.5029, 44.5117, 61.0168



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

23.0283, 29.7895, 38.2544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5029, 44.5117, 61.0168 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(0, 198, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 199)  
}
```

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(0, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 199) }
```

Border

The CSS property to change the border of an element to XYZ 30.5029, 44.5117, 61.0168 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(0, 198, 199) }
```


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

```
.border{ border-color:rgb(0, 198, 199) }
```

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

Here you see how a box with a 4 pixel rgb(0, 198, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5029, 44.5117, 61.0168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 199) }
```

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

```
.background{ background-color: rgb(0, 198,  
199) }
```

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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