

Converting Colors

XYZ(30.7690, 44.7456, 61.7949)

Have a look what the booklet for
XYZ(30.7690, 44.7456, 61.7949)
contains.

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Color

**XYZ(30.6695, 44.5841,
61.6327)**

Conversions

Conversions Part 1

Format	Color
Hex	04C6C8
RGB	4, 198, 200
RGB Percent	2%, 78%, 78%
CMY	0.9841, 0.2235, 0.2157
CMYK	0.98, 0.01, 0.00, 0.22
HSL	181°, 96%, 40%
HSV	181°, 98%, 78%
XYZ	30.6695, 44.5841, 61.6327
YIQ	140.2220, -116.2660, -40.5060

Conversions

Conversions Part 2

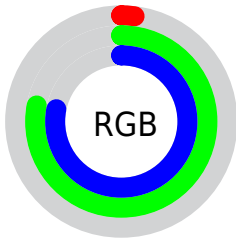
Format	Color
RYB	4, 101, 200
Decimal	313032
CIELab	72.62, -39.02, -12.65
CIELCh	73, 41.025, 197.966
Yxy	44.5841, 0.2241, 0.3257
Android (android.graphics.Color)	4278503112 (0xFF04C6C8)
YUV	140.2220, 29.4706, -119.4667
Hunter-Lab	66.7713, -34.8609, -7.9872

Details

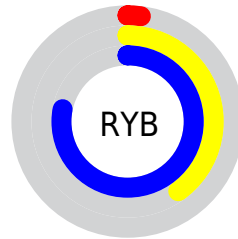
The XYZ color **30.6695, 44.5841, 61.6327** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **23.9076, 12.4196, 1.2534**, and the grayscale version is **24.9409, 26.2397, 28.5751**.

A 20% lighter version of the original color is **59.7539, 81.8042, 107.2482**, and **15.0108, 21.7202, 30.5954** is the 20% darker color. If you saturate the color by 10%, you get **30.6108, 44.5408, 61.6283**, and if you desaturate by 10%, it is **31.0447, 44.8477, 61.6646**.

Distribution



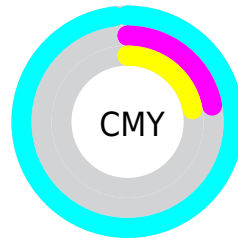
- Red (2%)
- Green (78%)
- Blue (78%)



- Red (2%)
- Yellow (40%)
- Blue (78%)



- Cyan (98%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6695, 44.5841, 61.6327 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 30.6695, 44.5841, 61.6327 by changing the saturation by 10% instead.

30.6695, 44.5841,
61.6327

30.6695, 44.5841,
61.6327

296.8669,
365.0865, 448.5607

20.4979, 31.1300,
44.3021

60.0987, 82.0960,
108.7609

12.8678, 20.6978,
30.5691

80.0871, 106.9225,
139.3957

7.4140, 12.9033,
20.0153

104.0784,
136.3086, 175.3022

3.7709, 7.3620,
12.2220

132.4381,
170.6386, 216.8991

1.5734, 3.6895,
6.7707

165.5314,
210.2971, 264.6048

0.3750, 1.5014,
3.2428

203.7237,

0.0000, 0.2897,

255.6683, 318.8379

1.2199

247.3805,
307.1366, 380.0171

■ 0.0000, 0.0000,
0.0000

■ 30.6695, 44.5841,
61.6327

■ 30.6695, 44.5841,
61.6327

■ 30.6108, 44.5408,
61.6283

■ 31.0447, 44.8477,
61.6646

■ 31.7543, 45.2829,
61.7112

■ 32.8778, 45.9315,
61.7772

■ 34.4676, 46.8207,
61.8650

■ 36.5686, 47.9734,
61.9768

■ 39.2202, 49.4101,
62.1144

■ 42.4581, 51.1491,
62.2794

■ 46.3150, 53.2073,
62.4734

■ 50.8211, 55.6003,
62.6978

Harmonies

Analogous

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



30.3756, 44.5841, 40.8396



30.6695, 44.5841, 61.6327



33.8753, 44.5841, 83.7661

Triad

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



30.6695, 44.5841, 61.6327



53.3478, 44.5841, 79.7165



45.2868, 44.5841, 19.4643

Complementary

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



30.6695, 44.5841, 61.6327



23.9076, 12.4196, 1.2534

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.



52.1913, 44.5841, 24.9076



30.6695, 44.5841, 61.6327



57.1815, 44.5841, 57.1622

Square

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



30.6695, 44.5841, 61.6327



46.7285, 44.5841, 96.0510



56.7361, 44.5841, 37.4542



38.3023, 44.5841, 20.0393

Rectangle

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



30.6695, 44.5841, 61.6327



37.4571, 44.5841, 94.5625



56.7361, 44.5841, 37.4542



47.7073, 44.5841, 20.5703

Sweetspot

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



30.6709, 44.5857, 61.6338



72.6376, 88.0895, 107.7823



20.7274, 41.3441, 7.0040



15.0149, 18.5690, 23.0428



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.



30.6709, 44.5857, 61.6338



52.9859, 77.0918, 106.6953



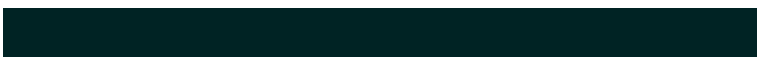
15.2299, 13.7038, 56.4868



10.9371, 12.0483, 13.6666



19.4675, 28.3288, 39.1863



0.9248, 1.3475, 1.8565

Inverse Universe

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



34.0571, 16.4447, 54.8069



58.8740, 28.3136, 94.7896



28.5957, 21.7959, 2.8161



11.0783, 10.8147, 13.3955



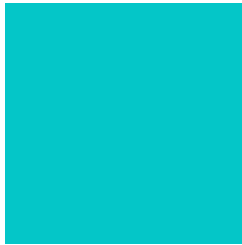
21.6256, 10.3998, 34.8339



1.0255, 0.4930, 1.6575

Previews

White Background



This preview shows how the XYZ color 30.6695, 44.5841, 61.6327 looks on a white background.

Color Contrast Check

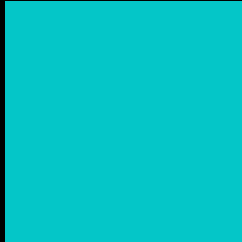
Large Text (above 18pt) WCAG AA × Fail

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 30.6695, 44.5841, 61.6327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

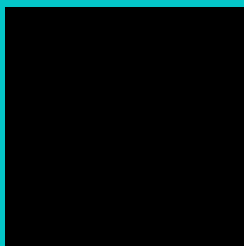
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

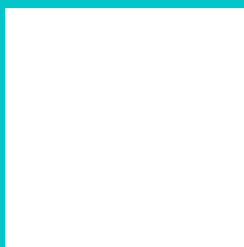
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6695, 44.5841, 61.6327

Background



This preview shows how black text looks on a background with the XYZ color 30.6695, 44.5841, 61.6327.



This preview shows how white text looks on a background with the XYZ color 30.6695, 44.5841,

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

30.6695, 44.5841, 61.6327

Protanopia

42.5197, 43.9430, 52.6952

Deuteranopia

44.9065, 44.0467, 64.5275



Tritanopia

32.2833, 44.5734, 69.1894

Trichromacy



Original Color

30.6695, 44.5841, 61.6327



Protanomaly

33.4839, 41.6200, 55.5589



Deuteranomaly

34.8295, 41.5285, 63.3068



Tritanomaly

31.7048, 44.6687, 66.6254

Monochromacy



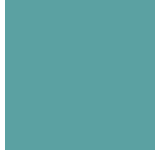
Original Color

30.6695, 44.5841, 61.6327



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

23.5808, 30.3225, 38.7924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6695, 44.5841, 61.6327 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(4, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(4, 198, 200)  
}
```

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(4, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 198, 200) }
```

Border

The CSS property to change the border of an element to XYZ 30.6695, 44.5841, 61.6327 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(4, 198, 200) }
```


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

```
.border{ border-color:rgb(4, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(4, 198,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6695, 44.5841, 61.6327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 198, 200) }
```

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

```
.background{ background-color: rgb(4, 198,  
200) }
```

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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