

Converting Colors

XYZ(33.1628, 44.8606, 61.5556)

Have a look what the booklet for
XYZ(33.1628, 44.8606, 61.5556)
contains.

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Color

**XYZ(33.1649, 44.8626,
61.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC3C8
RGB	79, 195, 200
RGB Percent	31%, 76%, 78%
CMY	0.6902, 0.2353, 0.2157
CMYK	0.60, 0.02, 0.00, 0.22
HSL	182°, 52%, 55%
HSV	182°, 60%, 78%
XYZ	33.1649, 44.8626, 61.5550
YIQ	160.8860, -70.7410, -23.0370

Conversions

Conversions Part 2

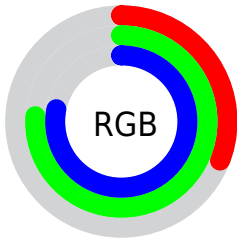
Format	Color
R _Y B	79, 138, 200
Decimal	5227464
CIE Lab	72.80, -30.76, -12.27
CIE LCh	73, 33.114, 201.743
Yxy	44.8626, 0.2376, 0.3214
Android (android.graphics.Color)	4283417544 (0xFF4FC3C8)
YUV	160.8860, 19.2832, -71.8140
Hunter-Lab	66.9795, -28.8300, -7.6025

Details

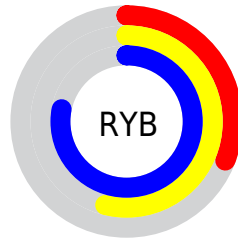
The XYZ color **33.1649, 44.8626, 61.5550** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **28.4020, 19.1856, 9.6046**, and the grayscale version is **33.7616, 35.5199, 38.6811**.

A 20% lighter version of the original color is **63.6756, 82.4163, 107.1596**, and **14.7132, 21.1251, 30.4962** is the 20% darker color. If you saturate the color by 10%, you get **31.5607, 43.7625, 61.4280**, and if you desaturate by 10%, it is **35.2732, 46.2261, 61.7079**.

Distribution



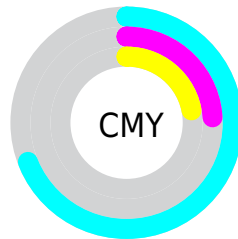
- Red (31%)
- Green (76%)
- Blue (78%)



- Red (31%)
- Yellow (54%)
- Blue (78%)



- Cyan (60%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)





- Cyan (69%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1649, 44.8626, 61.5550 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 33.1649, 44.8626, 61.5550 by changing the saturation by 10% instead.

 33.1649, 44.8626,
61.5550


 33.1649, 44.8626,
61.5550


308.0440,
366.2168, 448.2688

 22.4126, 31.3492,
44.2398


 63.9858, 82.5142,
108.6475

 14.2787, 20.8649,
30.5205


 84.7852, 107.4212,
139.2618

 8.3978, 13.0253,
19.9786


 109.6644,
136.8948, 175.1462

 4.4044, 7.4460,
12.1955

 138.9887,
171.3195, 216.7193

 1.9334, 3.7425,
6.7528

173.1234,
211.0797, 264.3995

 0.5961, 1.5306,
3.2319

212.4340,

 0.0000, 0.3101,

256.5597, 318.6055

1.2142

257.2857,
308.1439, 379.7557

■ 0.0000, 0.0000,
0.0000

■ 33.1649, 44.8626,
61.5550

■ 33.1649, 44.8626,
61.5550

■ 31.5607, 43.7625,
61.4280

■ 35.2732, 46.2261,
61.7079

■ 30.4100, 42.8968,
61.3216

■ 37.9223, 47.8688,
61.8853

■ 29.6591, 42.2387,
61.2341

■ 41.1499, 49.8114,
62.0902

■ 29.2179, 41.7550,
61.1640

■ 44.9895, 52.0709,
62.3239

■ 49.4719, 54.6634,
62.5881

■ 54.6257, 57.6035,
62.8839

■ 60.4781, 60.9053,
63.2128

■ 67.0545, 64.5818,
63.5758

■ 72.8892, 67.8776,
63.9044

Harmonies

Analogous

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



32.5992, 44.8626, 44.4360



33.1649, 44.8626, 61.5550



36.1486, 44.8626, 78.2023

Triad

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



33.1649, 44.8626, 61.5550



51.9346, 44.8626, 71.2183



44.2497, 44.8626, 23.7160

Complementary

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



33.1649, 44.8626, 61.5550



28.4020, 19.1856, 9.6046

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.



49.8667, 44.8626, 27.9471



33.1649, 44.8626, 61.5550



54.5573, 44.8626, 53.5422

Square

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



33.1649, 44.8626, 61.5550



46.8731, 44.8626, 84.5981



53.7683, 44.8626, 38.0220



38.6708, 44.8626, 24.9261

Rectangle

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



33.1649, 44.8626, 61.5550



39.2667, 44.8626, 85.5529



53.7683, 44.8626, 38.0220



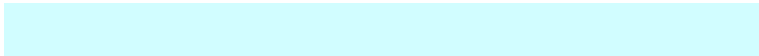
46.2024, 44.8626, 24.5073

Sweetspot

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



33.1663, 44.8643, 61.5561



79.5309, 91.1060, 108.0012



25.4425, 43.5969, 15.2657



16.5629, 19.2326, 23.0892



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.



33.1663, 44.8643, 61.5561



53.8493, 75.1910, 106.2829



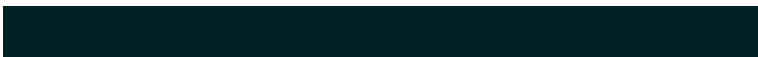
22.3803, 23.2924, 57.9607



10.9077, 11.9895, 13.6568



18.5943, 26.5825, 38.8953



0.8924, 1.2825, 1.8457

Inverse Universe

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



36.4669, 21.8127, 53.9198



60.1953, 32.2324, 91.2955



35.1346, 32.6507, 11.8488



11.0634, 10.8088, 13.3174



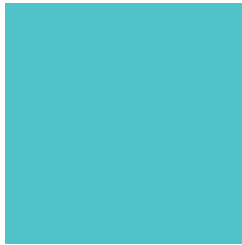
21.1849, 10.2235, 32.5130



1.0091, 0.4865, 1.5712

Previews

White Background



This preview shows how the XYZ color 33.1649, 44.8626, 61.5550 looks on a white background.

Color Contrast Check

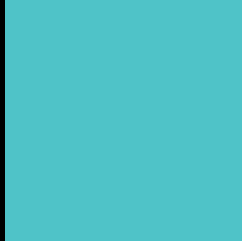
Large Text (above 18pt) WCAG AA × Fail

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 33.1649, 44.8626, 61.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

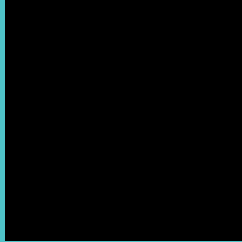
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1649, 44.8626, 61.5550

Background



This preview shows how black text looks on a background with the XYZ color 33.1649, 44.8626, 61.5550.

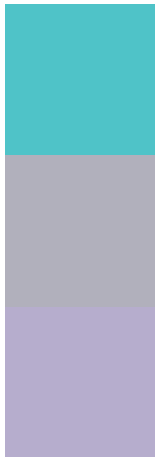


This preview shows how white text looks on a background with the XYZ color 33.1649, 44.8626,

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

33.1649, 44.8626, 61.5550

Protanopia

42.7339, 44.0286, 53.8230

Deuteranopia

45.2544, 44.2400, 63.9116



Tritanopia

34.3677, 45.0260, 67.2011

Trichromacy



Original Color

33.1649, 44.8626, 61.5550



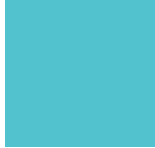
Protanomaly

37.4324, 43.3355, 56.2609



Deuteranomaly

38.9804, 43.3793, 62.8185



Tritanomaly

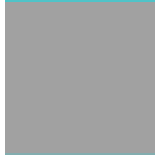
33.9120, 44.8336, 65.2589

Monochromacy



Original Color

33.1649, 44.8626, 61.5550



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

32.0415, 37.8076, 46.1663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1649, 44.8626, 61.5550 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(79, 195, 200)` looks like.

```
.text, #text, p{  
    color:rgb(79, 195, 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(79, 195, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 195, 200) }
```

Border

The CSS property to change the border of an element to XYZ 33.1649, 44.8626, 61.5550 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(79, 195, 200) }
```


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

```
.border{ border-color:rgb(79, 195, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 195, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 195, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 195, 200);  
box-shadow:4px 4px 4px 4px rgb(79, 195,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1649, 44.8626, 61.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 195, 200) }
```

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

```
.background{ background-color: rgb(79, 195,  
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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