

Converting Colors

XYZ(32.6167, 43.5786, 61.9508)

Have a look what the booklet for
XYZ(32.6167, 43.5786, 61.9508)
contains.

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Color

**XYZ(32.6167, 43.5786,
61.9508)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC0C9
RGB	79, 192, 201
RGB Percent	31%, 75%, 79%
CMY	0.6902, 0.2470, 0.2118
CMYK	0.61, 0.04, 0.00, 0.21
HSL	184°, 53%, 55%
HSV	184°, 61%, 79%
XYZ	32.6167, 43.5786, 61.9508
YIQ	159.2390, -70.2370, -21.1570

Conversions

Conversions Part 2

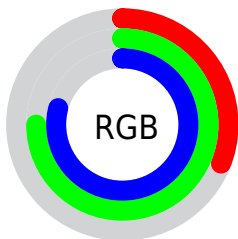
Format	Color
RYB	79, 138, 201
Decimal	5226697
CIELab	71.95, -29.02, -14.10
CIElCh	72, 32.264, 205.906
Yxy	43.5786, 0.2361, 0.3155
Android (android.graphics.Color)	4283416777 (0xFF4FC0C9)
YUV	159.2390, 20.5882, -70.3696
Hunter-Lab	66.0141, -27.3301, -9.4307

Details

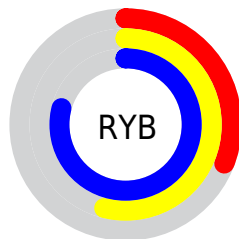
The XYZ color **32.6167, 43.5786, 61.9508** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **28.9893, 19.9625, 9.7235**, and the grayscale version is **32.9971, 34.7155, 37.8052**.

A 20% lighter version of the original color is **62.7409, 80.5468, 106.8480**, and **14.3549, 20.2835, 30.7623** is the 20% darker color. If you saturate the color by 10%, you get **30.8672, 42.1968, 61.7771**, and if you desaturate by 10%, it is **34.8775, 45.2307, 62.1513**.

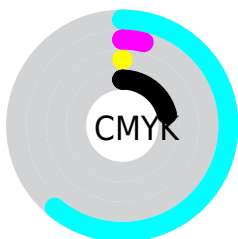
Distribution



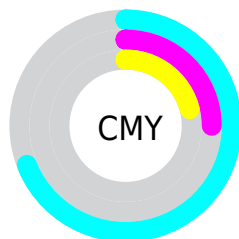
- Red (31%)
- Green (75%)
- Blue (79%)



- Red (31%)
- Yellow (54%)
- Blue (79%)



- Cyan (61%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6167, 43.5786, 61.9508 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 32.6167, 43.5786, 61.9508 by changing the saturation by 10% instead.

■ 32.6167, 43.5786,
61.9508

■ 32.6167, 43.5786,
61.9508

305.6146,
360.9859, 449.7543

■ 21.9908, 30.3394,
44.5574

■ 63.1353, 80.5833,
109.2253

■ 13.9667, 20.0963,
30.7686

■ 83.7588, 105.1175,
139.9435

■ 8.1791, 12.4651,
20.1657

■ 108.4454,
134.1855, 175.9405

■ 4.2625, 7.0612,
12.3303

■ 137.5607,
168.1716, 217.6346

■ 1.8517, 3.5004,
6.8438

171.4699,
207.4603, 265.4445

■ 0.5485, 1.3982,
3.2876

210.5384,

■ 0.0000, 0.2154,

252.4360, 319.7887

1.2433

255.1315,
303.4831, 381.0858

■ 0.0000, 0.0000,
0.0146

■ 0.0000, 0.0000,
0.0000

■ 32.6167, 43.5786,
61.9508

■ 32.6167, 43.5786,
61.9508

■ 30.8672, 42.1968,
61.7771

■ 34.8775, 45.2307,
62.1513

■ 29.5779, 41.0562,
61.6249

■ 37.6869, 47.1696,
62.3775

■ 28.6940, 40.1293,
61.4926

■ 41.0833, 49.4160,
62.6321

■ 28.1387, 39.4089,
61.3828

■ 45.1005, 51.9874,
62.9167

■ 49.7698, 54.8998,
63.2327

■ 55.1203, 58.1684,
63.5816

■ 61.1794, 61.8072,
63.9646

■ 67.9730, 65.8296,
64.3830

■ 73.6970, 69.3056,
64.7522

Harmonies

Analogous

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



31.7414, 43.5786, 45.3198



32.6167, 43.5786, 61.9508



35.7701, 43.5786, 77.2114

Triad

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



32.6167, 43.5786, 61.9508



50.8100, 43.5786, 66.5337



42.1798, 43.5786, 23.1966

Complementary

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



32.6167, 43.5786, 61.9508



28.9893, 19.9625, 9.7235

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.



47.6359, 43.5786, 26.5272



32.6167, 43.5786, 61.9508



52.8900, 43.5786, 49.6452

Square

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



32.6167, 43.5786, 61.9508



46.2146, 43.5786, 80.2420



51.6802, 43.5786, 35.4088



36.9693, 43.5786, 25.0866

Rectangle

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



32.6167, 43.5786, 61.9508



38.8977, 43.5786, 83.3061



51.6802, 43.5786, 35.4088



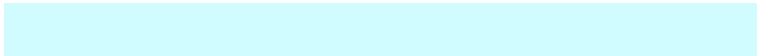
44.0493, 43.5786, 23.7184

Sweetspot

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



32.6180, 43.5802, 61.9518



79.0622, 90.1688, 107.8450



25.8379, 44.1268, 16.2022



16.4466, 19.0001, 23.0505



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.



32.6180, 43.5802, 61.9518



52.0288, 71.5501, 105.6761



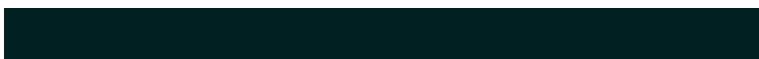
22.0015, 22.3471, 58.4130



10.8772, 11.9285, 13.6466



17.7216, 24.8371, 38.6044



0.8596, 1.2170, 1.8347

Inverse Universe

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



36.3989, 21.8165, 52.1635



59.2764, 31.8648, 86.4568



36.1106, 34.2050, 12.0973



11.0480, 10.8026, 13.2363



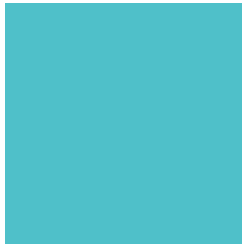
20.7444, 10.0473, 30.1934



0.9926, 0.4799, 1.4841

Previews

White Background



This preview shows how the XYZ color 32.6167, 43.5786, 61.9508 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 32.6167, 43.5786, 61.9508 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

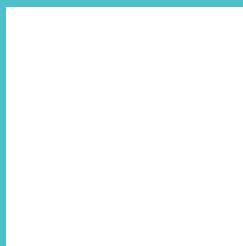
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6167, 43.5786, 61.9508

Background



This preview shows how black text looks on a background with the XYZ color 32.6167, 43.5786, 61.9508.

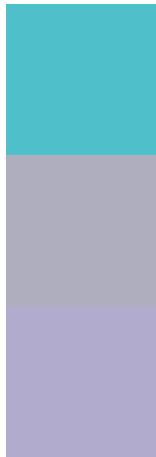


This preview shows how white text looks on a background with the XYZ color 32.6167, 43.5786,

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

32.6167, 43.5786, 61.9508

Protanopia

41.8859, 42.9885, 54.8052

Deuteranopia

43.8350, 42.9292, 64.3683



Tritanopia

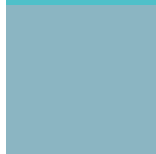
33.3730, 43.5604, 65.6805

Trichromacy



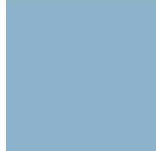
Original Color

32.6167, 43.5786, 61.9508



Protanomaly

36.9089, 42.4318, 57.2838



Deuteranomaly

38.0037, 42.2626, 63.2812



Tritanomaly

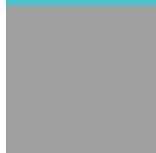
33.0436, 43.4187, 64.3967

Monochromacy



Original Color

32.6167, 43.5786, 61.9508



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

31.4088, 36.9276, 45.5167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6167, 43.5786, 61.9508 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, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(79, 192, 201)  
}
```

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, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 192, 201) }
```

Border

The CSS property to change the border of an element to XYZ 32.6167, 43.5786, 61.9508 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, 192, 201) }
```


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

```
.border{ border-color:rgb(79, 192, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 192, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(79, 192,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6167, 43.5786, 61.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 192, 201) }
```

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

```
.background{ background-color: rgb(79, 192,  
201) }
```

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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