

Converting Colors

XYZ(35.0353, 46.2927, 61.0608)

Have a look what the booklet for
XYZ(35.0353, 46.2927, 61.0608)
contains.

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Color

**XYZ(34.9785, 46.1448,
61.0961)**

Conversions

Conversions Part 1

Format	Color
Hex	61C4C7
RGB	97, 196, 199
RGB Percent	38%, 77%, 78%
CMY	0.6196, 0.2314, 0.2196
CMYK	0.51, 0.02, 0.00, 0.22
HSL	182°, 48%, 58%
HSV	182°, 51%, 78%
XYZ	34.9785, 46.1448, 61.0961
YIQ	166.7410, -59.9670, -20.0550

Conversions

Conversions Part 2

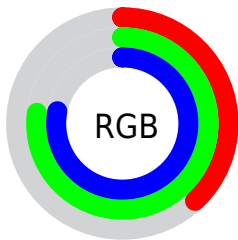
Format	Color
RYB	97, 147, 199
Decimal	6407367
CIELab	73.64, -28.07, -10.41
CIElCh	74, 29.936, 200.350
Yxy	46.1448, 0.2459, 0.3245
Android (android.graphics.Color)	4284597447 (0xFF61C4C7)
YUV	166.7410, 15.9037, -61.1629
Hunter-Lab	67.9300, -26.9642, -5.7744

Details

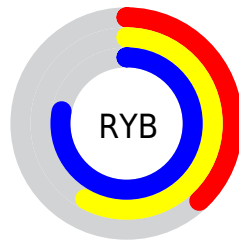
The XYZ color **34.9785, 46.1448, 61.0961** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **30.2688, 22.1203, 13.9847**, and the grayscale version is **36.5519, 38.4554, 41.8780**.

A 20% lighter version of the original color is **66.6928, 84.4391, 107.3910**, and **15.3193, 21.6664, 30.1627** is the 20% darker color. If you saturate the color by 10%, you get **32.9869, 44.9237, 60.9662**, and if you desaturate by 10%, it is **37.5052, 47.6447, 61.2532**.

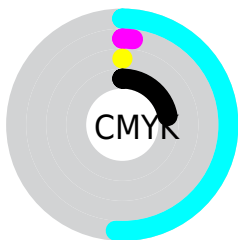
Distribution



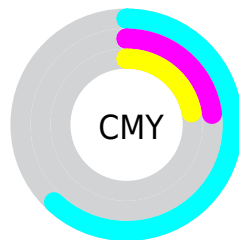
- Red (38%)
- Green (77%)
- Blue (78%)



- Red (38%)
- Yellow (58%)
- Blue (78%)



- Cyan (51%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (62%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9785, 46.1448, 61.0961 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 34.9785, 46.1448, 61.0961 by changing the saturation by 10% instead.

■ 34.9785, 46.1448,
61.0961

■ 34.9785, 46.1448,
61.0961

315.9831,
371.3905, 446.5426

■ 23.8128, 32.3601,
43.8717

■ 66.7867, 84.4357,
107.9770

■ 15.3188, 21.6367,
30.2332

■ 88.1599, 109.7106,
138.4705

■ 9.1312, 13.5902,
19.7621

■ 113.6662,
139.5844, 174.2241

■ 4.8846, 7.8362,
12.0399

■ 143.6711,
174.4415, 215.6563

■ 2.2138, 3.9903,
6.6480

178.5399,
214.6663, 263.1858

■ 0.7500, 1.6681,
3.1678

218.6379,

■ 0.0000, 0.4029,

260.6431, 317.2309

1.1810

264.3305,
312.7564, 378.2103

■ 0.0000, 0.0000,
0.0000

■ 34.9785, 46.1448,
61.0961

■ 34.9785, 46.1448,
61.0961

■ 32.9869, 44.9237,
60.9662

■ 37.5052, 47.6447,
61.2532

■ 31.4858, 43.9551,
60.8583

■ 40.5991, 49.4367,
61.4361

■ 30.4300, 43.2168,
60.7715

■ 44.2949, 51.5397,
61.6472

■ 29.7644, 42.6805,
60.7031

■ 48.6232, 53.9696,
61.8881

■ 29.4126, 42.3308,
60.6541

■ 53.6124, 56.7409,
62.1601

■ 59.2894, 59.8676,
62.4644

■ 65.6795, 63.3627,
62.8022

■ 72.3617, 67.0091,
63.1538

■ 72.4981, 67.2818,
63.1993

Harmonies

Analogous

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



34.5571, 46.1448, 45.5067



34.9785, 46.1448, 61.0961



37.6704, 46.1448, 76.2430

Triad

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



34.9785, 46.1448, 61.0961



52.1861, 46.1448, 71.2716



45.5905, 46.1448, 26.6071

Complementary

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



34.9785, 46.1448, 61.0961



30.2688, 22.1203, 13.9847

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.



50.6913, 46.1448, 30.9499



34.9785, 46.1448, 61.0961



54.6967, 46.1448, 55.2988

Square

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



34.9785, 46.1448, 61.0961



47.5008, 46.1448, 82.8904



54.1287, 46.1448, 40.7594



40.4088, 46.1448, 27.5401

Rectangle

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



34.9785, 46.1448, 61.0961



40.5196, 46.1448, 83.0607



54.1287, 46.1448, 40.7594



47.3776, 46.1448, 27.4585

Sweetspot

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



34.9799, 46.1466, 61.0972



81.9934, 92.7382, 108.1865



27.5920, 44.2843, 18.8239



17.2033, 19.6551, 23.1371



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.



34.9799, 46.1466, 61.0972



57.2645, 78.3467, 106.7120



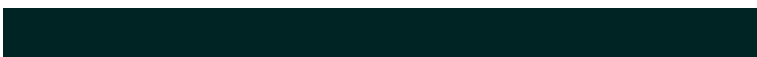
25.5649, 27.3165, 57.9588



10.9190, 12.0120, 13.6605



18.9245, 27.2430, 39.0054



0.9047, 1.3072, 1.8498

Inverse Universe

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



37.7928, 24.6782, 54.9980



62.8162, 36.7152, 94.5089



36.5704, 34.7234, 16.0852



11.0691, 10.8110, 13.3473



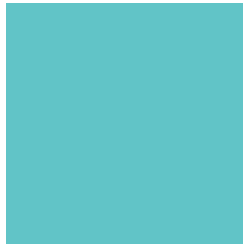
21.3516, 10.2902, 33.3908



1.0153, 0.4890, 1.6039

Previews

White Background



This preview shows how the XYZ color 34.9785, 46.1448, 61.0961 looks on a white background.

Color Contrast Check

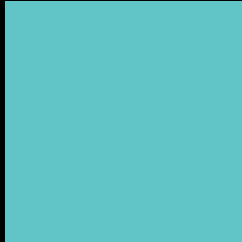
Large Text (above 18pt) WCAG AA × Fail

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 34.9785, 46.1448, 61.0961 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

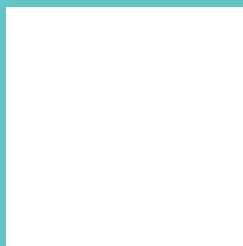
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9785, 46.1448, 61.0961

Background



This preview shows how black text looks on a background with the XYZ color 34.9785, 46.1448, 61.0961.

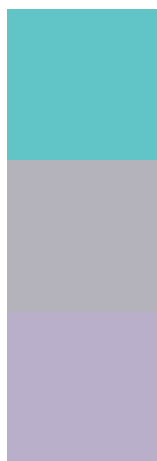


This preview shows how white text looks on a background with the XYZ color 34.9785, 46.1448,

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

34.9785, 46.1448, 61.0961

Protanopia

44.0196, 45.5743, 54.0536

Deuteranopia

46.3592, 45.4108, 62.8217



Tritanopia

36.2915, 46.0034, 67.9396

Trichromacy



Original Color

34.9785, 46.1448, 61.0961

Protanomaly

39.4411, 44.9877, 56.4739

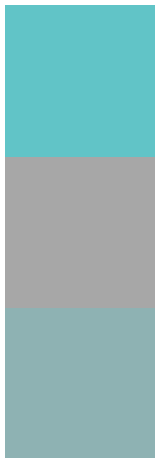
Deuteranomaly

40.9206, 45.0013, 62.4065

Tritanomaly

35.9112, 46.1958, 65.4165

Monochromacy



Original Color

34.9785, 46.1448, 61.0961

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.2124, 40.8462, 48.6760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9785, 46.1448, 61.0961 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(97, 196, 199)` looks like.

```
.text, #text, p{  
    color:rgb(97, 196, 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(97, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 196, 199) }
```

Border

The CSS property to change the border of an element to XYZ 34.9785, 46.1448, 61.0961 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(97, 196, 199) }
```


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

```
.border{ border-color:rgb(97, 196, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 196, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 196, 199);  
box-shadow:4px 4px 4px 4px rgb(97, 196,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9785, 46.1448, 61.0961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 196, 199) }
```

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

```
.background{ background-color: rgb(97, 196,  
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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