

Converting Colors

XYZ(36.1681, 48.0451, 64.4938)

Have a look what the booklet for
XYZ(36.1681, 48.0451, 64.4938)
contains.

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Color

**XYZ(36.1695, 48.0479,
64.4946)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC8CC
RGB	94, 200, 204
RGB Percent	37%, 78%, 80%
CMY	0.6314, 0.2157, 0.2000
CMYK	0.54, 0.02, 0.00, 0.20
HSL	182°, 52%, 58%
HSV	182°, 54%, 80%
XYZ	36.1695, 48.0479, 64.4946
YIQ	168.7620, -64.4600, -21.2280

Conversions

Conversions Part 2

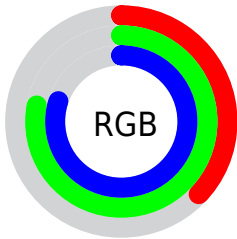
Format	Color
RYB	94, 148, 204
Decimal	6211788
CIELab	74.86, -29.29, -11.32
CIELCh	75, 31.397, 201.129
Yxy	48.0479, 0.2432, 0.3231
Android (android.graphics.Color)	4284401868 (0xFF5EC8CC)
YUV	168.7620, 17.3723, -65.5663
Hunter-Lab	69.3166, -28.1625, -6.6439

Details

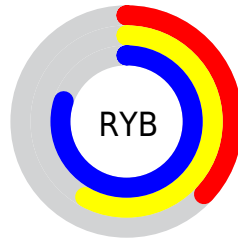
The XYZ color **36.1695, 48.0479, 64.4946** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **31.2909, 22.3819, 13.2619**, and the grayscale version is **37.5357, 39.4904, 43.0051**.

A 20% lighter version of the original color is **66.9469, 85.5123, 107.5848**, and **16.0724, 22.9085, 32.4288** is the 20% darker color. If you saturate the color by 10%, you get **34.1767, 46.7673, 64.3533**, and if you desaturate by 10%, it is **38.7188, 49.6188, 64.6643**.

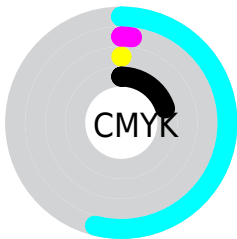
Distribution



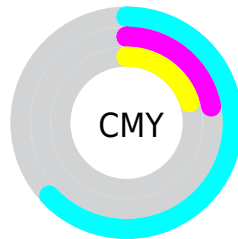
- Red (37%)
- Green (78%)
- Blue (80%)



- Red (37%)
- Yellow (58%)
- Blue (80%)



- Cyan (54%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (63%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1695, 48.0479, 64.4946 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 36.1695, 48.0479, 64.4946 by changing the saturation by 10% instead.

■ 36.1695, 48.0479,
64.4946

■ 36.1695, 48.0479,
64.4946

321.1191,
378.9820, 459.2299

■ 24.7358, 33.8648,
46.6026

■ 68.6158, 87.2757,
112.9292

■ 16.0080, 22.7898,
32.3695

■ 90.3591, 113.0892,
144.3090

■ 9.6207, 14.4384,
21.3768

■ 116.2697,
143.5484, 181.0218

■ 5.2085, 8.4262,
13.2058

■ 146.7129,
179.0375, 223.4862

■ 2.4062, 4.3688,
7.4380

182.0541,
219.9410, 272.1206

■ 0.8482, 1.8820,
3.6549

222.6586,

■ 0.0000, 0.5375,

266.6434, 327.3437

1.4380

268.8919,
319.5289, 389.5740

■ 0.0000, 0.0000,
0.1711

■ 0.0000, 0.0000,
0.0000

■ 36.1695, 48.0479,
64.4946

■ 36.1695, 48.0479,
64.4946

■ 34.1767, 46.7673,
64.3533

■ 38.7188, 49.6188,
64.6643

■ 32.6915, 45.7486,
64.2350

■ 41.8599, 51.4949,
64.8609

■ 31.6638, 44.9669,
64.1382

■ 45.6304, 53.6967,
65.0871

■ 31.0313, 44.3902,
64.0603

■ 50.0635, 56.2413,
65.3447

■ 30.7717, 44.1046,
64.0188

■ 55.1900, 59.1447,
65.6349

■ 61.0389, 62.4217,
65.9591

■ 67.6375, 66.0864,
66.3187

■ 74.1950, 69.7312,
66.6766

■ 74.3739, 70.0889,
66.7362

Harmonies

Analogous

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



35.6523, 48.0479, 47.6133



36.1695, 48.0479, 64.4946



39.1158, 48.0479, 80.8286

Triad

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



36.1695, 48.0479, 64.4946



54.7648, 48.0479, 74.6453



47.3830, 48.0479, 26.9835

Complementary

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



36.1695, 48.0479, 64.4946



31.2909, 22.3819, 13.2619

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.



52.9140, 48.0479, 31.4473



36.1695, 48.0479, 64.4946



57.4033, 48.0479, 57.3186

Square

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



36.1695, 48.0479, 64.4946



49.7431, 48.0479, 87.4867



56.6991, 48.0479, 41.7760



41.8220, 48.0479, 28.1171

Rectangle

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



36.1695, 48.0479, 64.4946



42.2067, 48.0479, 88.0855



56.6991, 48.0479, 41.7760



49.3137, 48.0479, 27.8378

Sweetspot

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



36.1710, 48.0497, 64.4957



81.1287, 92.1237, 108.1135



28.3990, 46.4420, 18.9417



17.0289, 19.5259, 23.1213



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.



36.1710, 48.0497, 64.4957



56.0619, 77.0923, 106.5333



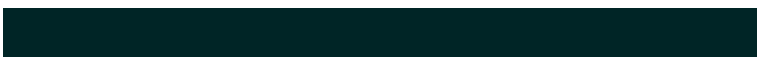
25.6929, 27.0936, 61.0031



11.5070, 12.6544, 14.4064



19.3832, 27.7905, 40.2988



1.0111, 1.4560, 2.0827

Inverse Universe

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



39.3311, 25.0143, 57.4008



61.9282, 35.2844, 93.1489



38.2602, 36.3204, 15.5850



11.6693, 11.3964, 14.0589



21.9947, 10.6085, 34.0202



1.1403, 0.5495, 1.7847

Previews

White Background



This preview shows how the XYZ color 36.1695, 48.0479, 64.4946 looks on a white background.

Color Contrast Check

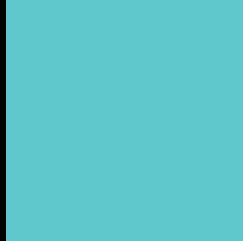
Large Text (above 18pt) WCAG AA × Fail

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 36.1695, 48.0479, 64.4946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

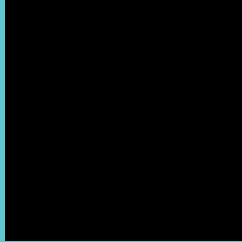
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1695, 48.0479, 64.4946

Background



This preview shows how black text looks on a background with the XYZ color 36.1695, 48.0479, 64.4946.

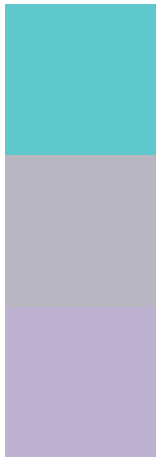


This preview shows how white text looks on a background with the XYZ color 36.1695, 48.0479,

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

36.1695, 48.0479, 64.4946

Protanopia

45.8820, 47.3734, 57.1778

Deuteranopia

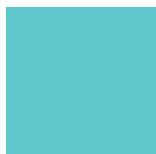
48.4153, 47.2631, 66.8925



Tritanopia

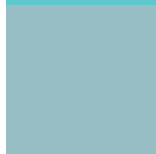
37.3687, 47.8399, 70.8828

Trichromacy



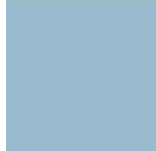
Original Color

36.1695, 48.0479, 64.4946



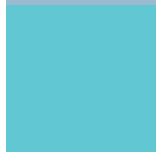
Protanomaly

41.0381, 47.0057, 59.7334



Deuteranomaly

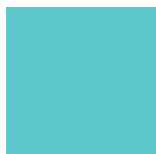
42.1478, 46.4928, 65.7841



Tritanomaly

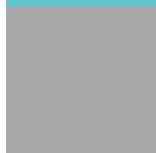
36.9860, 48.0414, 68.2963

Monochromacy



Original Color

36.1695, 48.0479, 64.4946



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

35.9201, 41.7707, 50.4253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1695, 48.0479, 64.4946 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(94, 200, 204)` looks like.

```
.text, #text, p{  
    color:rgb(94, 200, 204)  
}
```

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(94, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 200, 204) }
```

Border

The CSS property to change the border of an element to XYZ 36.1695, 48.0479, 64.4946 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(94, 200, 204) }
```


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

```
.border{ border-color:rgb(94, 200, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(94, 200,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1695, 48.0479, 64.4946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 200, 204) }
```

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

```
.background{ background-color: rgb(94, 200,  
204) }
```

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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