

Converting Colors

XYZ(36.1318, 48.6964, 71.1143)

Have a look what the booklet for
XYZ(36.1318, 48.6964, 71.1143)
contains.

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Color

**XYZ(36.0822, 48.5519,
71.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	4ACAD6
RGB	74, 202, 214
RGB Percent	29%, 79%, 84%
CMY	0.7098, 0.2078, 0.1608
CMYK	0.65, 0.06, 0.00, 0.16
HSL	185°, 63%, 56%
HSV	185°, 65%, 84%
XYZ	36.0822, 48.5519, 71.0881
YIQ	165.0960, -80.1400, -23.4040

Conversions

Conversions Part 2

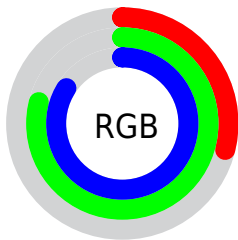
Format	Color
RYB	74, 141, 214
Decimal	4901590
CIELab	75.17, -30.94, -16.31
CIELCh	75, 34.979, 207.795
Yxy	48.5519, 0.2317, 0.3118
Android (android.graphics.Color)	4283091670 (0xFF4ACAD6)
YUV	165.0960, 24.1097, -79.8912
Hunter-Lab	69.6792, -29.5054, -11.7134

Details

The XYZ color **36.0822, 48.5519, 71.0881** 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 **32.2967, 21.4476, 8.9177**, and the grayscale version is **35.7275, 37.5881, 40.9335**.

A 20% lighter version of the original color is **64.2912, 84.1433, 107.4605**, and **16.6917, 23.3706, 36.4321** is the 20% darker color. If you saturate the color by 10%, you get **34.2789, 46.9882, 70.8822**, and if you desaturate by 10%, it is **38.4538, 50.4183, 71.3242**.

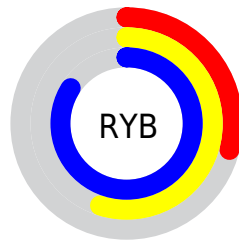
Distribution



Red (29%)

Green (79%)

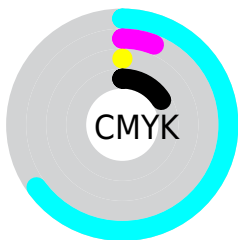
Blue (84%)



Red (29%)

Yellow (55%)

Blue (84%)

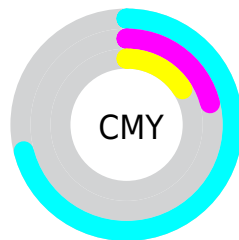


Cyan (65%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (71%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0822, 48.5519, 71.0881 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 36.0822, 48.5519, 71.0881 by changing the saturation by 10% instead.

36.0822, 48.5519,
71.0881

36.0822, 48.5519,
71.0881

320.7447,
380.9756, 483.2533

24.6681, 34.2642,
51.9318

68.4820, 88.0256,
122.4548

15.9574, 23.0966,
36.5689

90.1983, 113.9803,
155.5023

9.5846, 14.6649,
24.5807

116.0795,
144.5927, 194.0173

5.1846, 8.5845,
15.5488

146.4908,
180.2474, 238.4183

2.3918, 4.4712,
9.0545

181.7976,
221.3286, 289.1238

0.8410, 1.9405,
4.6795

222.3653,

0.0000, 0.5725,

268.2208, 346.5525

2.0050

268.5592,
321.3083, 411.1228

■ 0.0000, 0.0000,
0.5584

■ 0.0000, 0.0000,
0.0000

■ 36.0822, 48.5519,
71.0881

■ 36.0822, 48.5519,
71.0881

■ 34.2789, 46.9882,
70.8822

■ 38.4538, 50.4183,
71.3242

■ 32.9798, 45.6909,
70.7003

■ 41.4405, 52.6083,
71.5895

■ 32.1135, 44.6244,
70.5401

■ 45.0891, 55.1472,
71.8873

■ 31.8010, 44.1816,
70.4711

■ 49.4409, 58.0562,
72.2194

■ 54.5335, 61.3549,
72.5877

■ 60.4022, 65.0614,
72.9938

■ 67.0796, 69.1925,
73.4393

■ 74.5968, 73.7643,
73.9255

■ 78.5818, 76.5231,
74.2480

Harmonies

Analogous

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



34.8965, 48.5519, 51.5188



36.0822, 48.5519, 71.0881



39.8865, 48.5519, 88.7014

Triad

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



36.0822, 48.5519, 71.0881



57.3788, 48.5519, 73.9914



46.6228, 48.5519, 24.8603

Complementary

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



36.0822, 48.5519, 71.0881



32.2967, 21.4476, 8.9177

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.



53.0308, 48.5519, 28.2731



36.0822, 48.5519, 71.0881



59.5882, 48.5519, 54.2340

Square

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



36.0822, 48.5519, 71.0881



52.1351, 48.5519, 90.6321



57.9287, 48.5519, 38.0567



40.6361, 48.5519, 27.3881

Rectangle

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



36.0822, 48.5519, 71.0881



43.5908, 48.5519, 95.4038



57.9287, 48.5519, 38.0567



48.8015, 48.5519, 25.3298

Sweetspot

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



36.0837, 48.5537, 71.0893



77.3332, 88.8201, 107.6758



28.5383, 50.2167, 16.9243



16.1007, 18.7175, 23.0142



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.



36.0837, 48.5537, 71.0893



50.2472, 69.1851, 105.3135



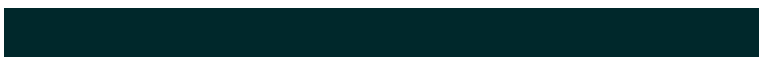
23.2598, 22.9060, 66.8146



12.6969, 13.9173, 15.9546



19.2596, 26.7809, 42.6073



1.1890, 1.6701, 2.5790

Inverse Universe

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



40.8423, 23.4595, 58.2544



58.0847, 30.2683, 83.6334



40.8017, 38.4576, 11.7527



12.9050, 12.6135, 15.4398



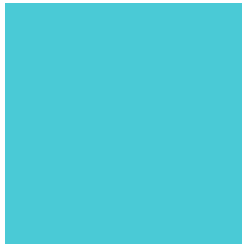
22.7802, 11.0484, 32.4762



1.3878, 0.6719, 2.0316

Previews

White Background



This preview shows how the XYZ color 36.0822, 48.5519, 71.0881 looks on a white background.

Color Contrast Check

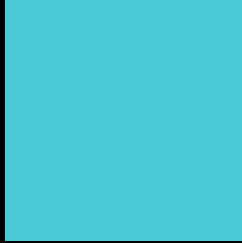
Large Text (above 18pt) WCAG AA × Fail

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 36.0822, 48.5519, 71.0881 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

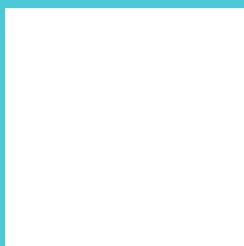
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0822, 48.5519, 71.0881

Background



This preview shows how black text looks on a background with the XYZ color 36.0822, 48.5519, 71.0881.



This preview shows how white text looks on a background with the XYZ color 36.0822, 48.5519,

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

36.0822, 48.5519, 71.0881

Protanopia

46.5620, 47.6180, 61.9955

Deuteranopia

48.8746, 47.9473, 73.6966



Tritanopia

36.5220, 48.3717, 73.7414

Trichromacy



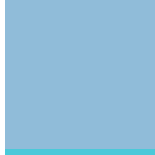
Original Color

36.0822, 48.5519, 71.0881



Protanomaly

40.6659, 46.6911, 65.2615



Deuteranomaly

42.0092, 46.9055, 72.4852



Tritanomaly

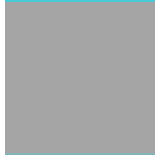
36.3127, 48.2789, 73.0505

Monochromacy



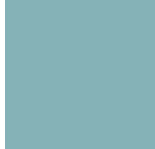
Original Color

36.0822, 48.5519, 71.0881



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

33.9834, 40.1652, 50.7613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0822, 48.5519, 71.0881 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(74, 202, 214)` looks like.

```
.text, #text, p{  
    color:rgb(74, 202, 214)  
}
```

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(74, 202, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 202, 214) }
```

Border

The CSS property to change the border of an element to XYZ 36.0822, 48.5519, 71.0881 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(74, 202, 214) }
```


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

```
.border{ border-color:rgb(74, 202, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 202, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 202, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 202, 214);  
box-shadow:4px 4px 4px 4px rgb(74, 202,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0822, 48.5519, 71.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 202, 214) }
```

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

```
.background{ background-color: rgb(74, 202,  
214) }
```

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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