

Converting Colors

XYZ(35.3938, 46.5689, 74.3589)

Have a look what the booklet for
XYZ(35.3938, 46.5689, 74.3589)
contains.

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Color

**XYZ(35.2067, 46.3122,
74.1014)**

Conversions

Conversions Part 1

Format	Color
Hex	45C5DB
RGB	69, 197, 219
RGB Percent	27%, 77%, 86%
CMY	0.7294, 0.2274, 0.1412
CMYK	0.68, 0.10, 0.00, 0.14
HSL	189°, 68%, 56%
HSV	189°, 68%, 86%
XYZ	35.2067, 46.3122, 74.1014
YIQ	161.2360, -83.3500, -20.2940

Conversions

Conversions Part 2

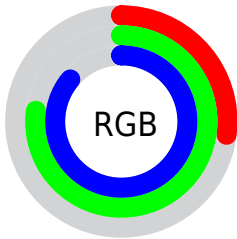
Format	Color
R _{YB}	69, 138, 219
Decimal	4572635
CIE Lab	73.75, -27.76, -21.18
CIE LCh	74, 34.917, 217.351
Yxy	46.3122, 0.2262, 0.2976
Android (android.graphics.Color)	4282762715 (0xFF45C5DB)
YUV	161.2360, 28.4777, -80.8910
Hunter-Lab	68.0531, -26.7473, -16.9224

Details

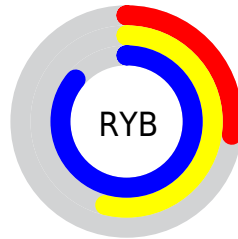
The XYZ color **35.2067, 46.3122, 74.1014** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **34.0300, 22.9736, 8.2725**, and the grayscale version is **33.8873, 35.6521, 38.8251**.

A 20% lighter version of the original color is **63.4835, 83.2545, 107.3315**, and **16.5233, 22.3253, 38.5603** is the 20% darker color. If you saturate the color by 10%, you get **33.2090, 44.2120, 73.8022**, and if you desaturate by 10%, it is **37.7959, 48.7422, 74.4348**.

Distribution



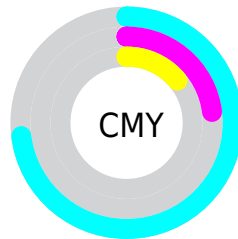
- Red (27%)
- Green (77%)
- Blue (86%)



- Red (27%)
- Yellow (54%)
- Blue (86%)



- Cyan (68%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (73%)
- Magenta (23%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2067, 46.3122, 74.1014 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 35.2067, 46.3122, 74.1014 by changing the saturation by 10% instead.

35.2067, 46.3122,
74.1014

35.2067, 46.3122,
74.1014

316.9718,
372.0624, 493.9960

23.9894, 32.4923,
54.3797

67.1378, 84.6860,
126.7749

15.4505, 21.7378,
38.5101

88.5823, 110.0087,
160.5638

9.2245, 13.6643,
26.0739

114.1665,
139.9344, 199.8790

4.9462, 7.8876,
16.6527

144.2559,
174.8476, 245.1388

2.2502, 4.0231,
9.8279

179.2158,
215.1326, 296.7619

0.7690, 1.6865,
5.1809

219.4115,

0.0000, 0.4149,

261.1738, 355.1667

2.2932

265.2084,
313.3556, 420.7719

■ 0.0000, 0.0000,
0.7274

■ 0.0000, 0.0000,
0.0000

■ 35.2067, 46.3122,
74.1014

■ 35.2067, 46.3122,
74.1014

■ 33.2090, 44.2120,
73.8022

■ 37.7959, 48.7422,
74.4348

■ 31.7315, 42.4021,
73.5307

■ 41.0288, 51.5264,
74.8018

■ 30.6761, 40.8325,
73.2834

■ 44.9568, 54.6922,
75.2059

■ 30.5316, 40.6050,
73.2471

■ 49.6248, 58.2630,
75.6491

■ 55.0737, 62.2600,
76.1334

■ 61.3418, 66.7030,
76.6606

■ 68.4644, 71.6105,
77.2325

■ 76.4749, 76.9997,
77.8505

■ 81.1984, 80.7186,
78.3193

Harmonies

Analogous

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



33.2235, 46.3122, 54.9211



35.2067, 46.3122, 74.1014



39.5860, 46.3122, 88.9464

Triad

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



35.2067, 46.3122, 74.1014



55.9605, 46.3122, 64.7471



42.5109, 46.3122, 23.5817

Complementary

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



35.2067, 46.3122, 74.1014



34.0300, 22.9736, 8.2725

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.



48.7698, 46.3122, 25.0274



35.2067, 46.3122, 74.1014



56.9298, 46.3122, 46.1834

Square

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



35.2067, 46.3122, 74.1014



51.6531, 46.3122, 82.7214



54.1898, 46.3122, 32.4215



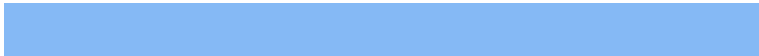
37.1756, 46.3122, 27.8664

Rectangle

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



35.2067, 46.3122, 74.1014



43.4697, 46.3122, 92.7906



54.1898, 46.3122, 32.4215



44.5716, 46.3122, 23.4350

Sweetspot

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



35.2082, 46.3139, 74.1025



75.5640, 86.3109, 107.2848



29.5903, 52.6507, 18.0561



15.7092, 18.1344, 22.9223



0.0000, 0.0000, 0.0000



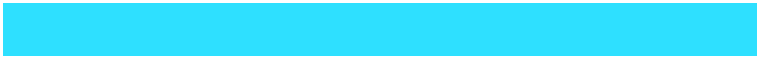
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2082, 46.3139, 74.1025



45.9173, 61.2888, 104.0176



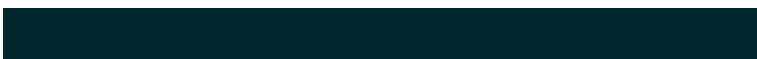
22.4497, 20.7970, 69.8497



13.2737, 14.4871, 16.7488



18.1666, 24.2026, 43.4525



1.2222, 1.6586, 2.8302

Inverse Universe

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



41.4209, 23.3490, 55.1487



55.7128, 28.6061, 73.3428



43.5645, 42.0425, 11.4507



13.5280, 13.2403, 16.0417



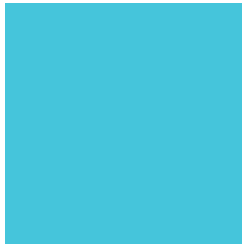
22.6650, 11.0670, 28.9455



1.4912, 0.7261, 1.9957

Previews

White Background



This preview shows how the XYZ color 35.2067, 46.3122, 74.1014 looks on a white background.

Color Contrast Check

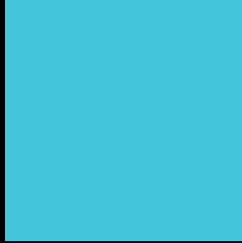
Large Text (above 18pt) WCAG AA × Fail

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 35.2067, 46.3122, 74.1014 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 35.2067, 46.3122, 74.1014

Background



This preview shows how black text looks on a background with the XYZ color 35.2067, 46.3122, 74.1014.



This preview shows how white text looks on a background with the XYZ color 35.2067, 46.3122,

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

35.2067, 46.3122, 74.1014

Protanopia

44.8621, 45.4597, 65.4416

Deuteranopia

46.6591, 45.5464, 76.8532



Tritanopia

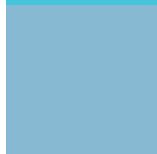
34.5784, 46.4015, 70.7522

Trichromacy



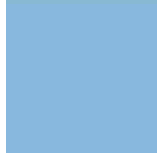
Original Color

35.2067, 46.3122, 74.1014



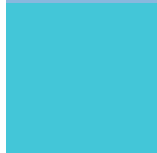
Protanomaly

39.2602, 44.6353, 68.1743



Deuteranomaly

40.4786, 44.7891, 75.6190



Tritanomaly

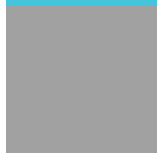
34.9035, 46.5393, 72.1091

Monochromacy



Original Color

35.2067, 46.3122, 74.1014



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

32.4816, 38.2387, 49.9248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2067, 46.3122, 74.1014 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(69, 197, 219)` looks like.

```
.text, #text, p{  
    color:rgb(69, 197, 219)  
}
```

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(69, 197, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 197, 219) }
```

Border

The CSS property to change the border of an element to XYZ 35.2067, 46.3122, 74.1014 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(69, 197, 219) }
```


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

```
.border{ border-color:rgb(69, 197, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 197, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 197, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 197, 219);  
box-shadow:4px 4px 4px 4px rgb(69, 197,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2067, 46.3122, 74.1014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 197, 219) }
```

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

```
.background{ background-color: rgb(69, 197,  
219) }
```

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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