

Converting Colors

XYZ(35.6326, 46.6214, 70.0716)

Have a look what the booklet for
XYZ(35.6326, 46.6214, 70.0716)
contains.

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Color

**XYZ(35.6326, 46.6214,
70.0716)**

Conversions

Conversions Part 1

Format	Color
Hex	54C5D5
RGB	84, 197, 213
RGB Percent	33%, 77%, 84%
CMY	0.6706, 0.2274, 0.1647
CMYK	0.61, 0.08, 0.00, 0.16
HSL	187°, 61%, 58%
HSV	187°, 61%, 84%
XYZ	35.6326, 46.6214, 70.0716
YIQ	165.0370, -72.4840, -18.9800

Conversions

Conversions Part 2

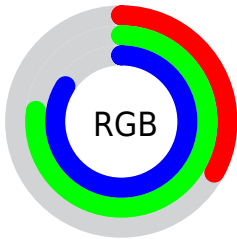
Format	Color
R _Y B	84, 144, 213
Decimal	5555669
CIE Lab	73.95, -27.17, -17.59
CIE LCh	74, 32.371, 212.918
Yxy	46.6214, 0.2339, 0.3061
Android (android.graphics.Color)	4283745749 (0xFF54C5D5)
YUV	165.0370, 23.6458, -71.0694
Hunter-Lab	68.2799, -26.3376, -13.0499

Details

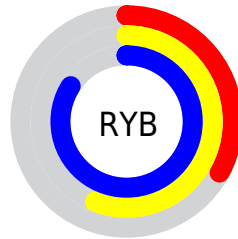
The XYZ color **35.6326, 46.6214, 70.0716** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **33.5990, 23.9017, 11.2314**, and the grayscale version is **35.6984, 37.5575, 40.9002**.

A 20% lighter version of the original color is **65.1689, 84.1234, 107.4104**, and **15.9940, 22.1135, 35.7731** is the 20% darker color. If you saturate the color by 10%, you get **33.4139, 44.5959, 69.7984**, and if you desaturate by 10%, it is **38.4442, 48.9702, 70.3776**.

Distribution



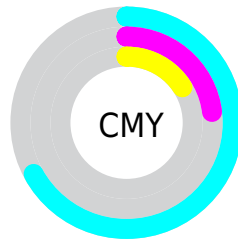
- Red (33%)
- Green (77%)
- Blue (84%)



- Red (33%)
- Yellow (56%)
- Blue (84%)



- Cyan (61%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6326, 46.6214, 70.0716 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 35.6326, 46.6214, 70.0716 by changing the saturation by 10% instead.

■ 35.6326, 46.6214,
70.0716

■ 35.6326, 46.6214,
70.0716

318.8112,
373.3013, 479.5973

■ 24.3194, 32.7365,
51.1077

■ 67.7922, 85.1482,
120.9929

■ 15.6967, 21.9246,
35.9170

■ 89.3693, 110.5589,
153.7875

■ 9.3993, 13.8015,
24.0809

■ 115.0984,
140.5802, 192.0293

■ 5.0617, 7.9828,
15.1809

■ 145.3448,
175.5967, 236.1371

■ 2.3186, 4.0839,
8.7984

180.4739,
215.9926, 286.5292

■ 0.8042, 1.7206,
4.5149

220.8511,

■ 0.0000, 0.4370,

262.1524, 343.6242

1.9119

266.8418,
314.4605, 407.8407

■ 0.0000, 0.0000,
0.5003

■ 0.0000, 0.0000,
0.0000

■ 35.6326, 46.6214,
70.0716

■ 35.6326, 46.6214,
70.0716

■ 33.4139, 44.5959,
69.7984

■ 38.4442, 48.9702,
70.3776

■ 31.7293, 42.8602,
69.5522

■ 41.8921, 51.6616,
70.7154

■ 30.5154, 41.3827,
69.3310

■ 46.0204, 54.7196,
71.0881

■ 29.6927, 40.1687,
69.1400

■ 50.8681, 58.1643,
71.4975

■ 56.4713, 62.0144,
71.9453

■ 62.8635, 66.2872,
72.4331

■ 70.0763, 70.9991,
72.9624

■ 78.1395, 76.1656,
73.5347

■ 79.0483, 77.6600,
73.7753

Harmonies

Analogous

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



34.1258, 46.6214, 52.3985



35.6326, 46.6214, 70.0716



39.4487, 46.6214, 84.6516

Triad

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



35.6326, 46.6214, 70.0716



54.9477, 46.6214, 66.6535



43.7495, 46.6214, 25.1741

Complementary

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



35.6326, 46.6214, 70.0716



33.5990, 23.9017, 11.2314

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.



49.5599, 46.6214, 27.3941



35.6326, 46.6214, 70.0716



56.3474, 46.6214, 49.1615

Square

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



35.6326, 46.6214, 70.0716



50.6220, 46.6214, 82.3961



54.2980, 46.6214, 35.3732



38.5498, 46.6214, 28.4810

Rectangle

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



35.6326, 46.6214, 70.0716



42.9579, 46.6214, 89.2942



54.2980, 46.6214, 35.3732



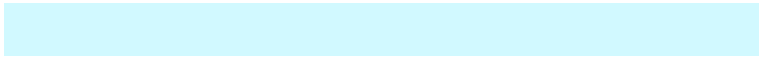
45.6948, 46.6214, 25.3004

Sweetspot

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



35.6341, 46.6231, 70.0727



78.3436, 88.7314, 107.6055



29.7061, 50.3762, 19.9762



16.2686, 18.6441, 22.9912



0.0000, 0.0000, 0.0000



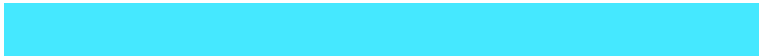
20.3446, 21.4041, 23.3091

Same Dimension

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



35.6341, 46.6231, 70.0727



49.3258, 66.1441, 104.7751



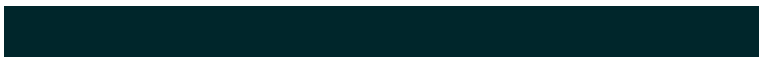
24.1170, 23.5890, 66.2337



12.6547, 13.8327, 15.9405



18.1887, 24.6391, 42.2503



1.1348, 1.5615, 2.5609

Inverse Universe

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



40.6901, 24.5193, 55.4132



57.9121, 31.3191, 79.2722



42.2371, 41.1778, 14.1107



12.8836, 12.6050, 15.3275



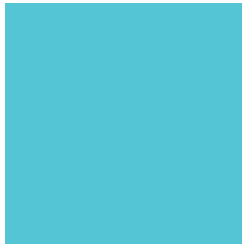
22.2397, 10.8322, 29.6298



1.3604, 0.6610, 1.8874

Previews

White Background



This preview shows how the XYZ color 35.6326, 46.6214, 70.0716 looks on a white background.

Color Contrast Check

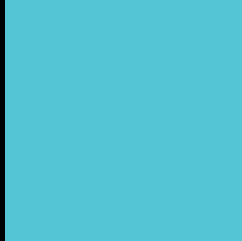
Large Text (above 18pt) WCAG AA × Fail

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 35.6326, 46.6214, 70.0716 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 35.6326, 46.6214, 70.0716

Background



This preview shows how black text looks on a background with the XYZ color 35.6326, 46.6214, 70.0716.



This preview shows how white text looks on a background with the XYZ color 35.6326, 46.6214,

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

35.6326, 46.6214, 70.0716

Protanopia

45.0228, 45.9222, 61.7493

Deuteranopia

47.0689, 46.1573, 72.0741



Tritanopia

35.6326, 46.6214, 70.0716

Trichromacy



Original Color

35.6326, 46.6214, 70.0716



Protanomaly

40.0800, 45.4549, 64.4188



Deuteranomaly

41.2122, 45.2586, 71.5294



Tritanomaly

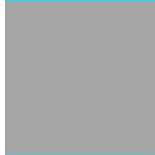
35.6326, 46.6214, 70.0716

Monochromacy



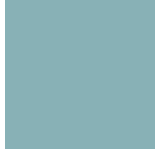
Original Color

35.6326, 46.6214, 70.0716



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

34.3190, 40.0559, 50.1787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6326, 46.6214, 70.0716 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(84, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(84, 197, 213)  
}
```

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(84, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 197, 213) }
```

Border

The CSS property to change the border of an element to XYZ 35.6326, 46.6214, 70.0716 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(84, 197, 213) }
```


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

```
.border{ border-color:rgb(84, 197, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(84, 197,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6326, 46.6214, 70.0716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 197, 213) }
```

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

```
.background{ background-color: rgb(84, 197,  
213) }
```

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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