

Converting Colors

XYZ(35.5350, 46.4354, 76.1973)

Have a look what the booklet for
XYZ(35.5350, 46.4354, 76.1973)
contains.

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Color

**XYZ(35.5350, 46.4354,
76.1973)**

Conversions

Conversions Part 1

Format	Color
Hex	44C5DE
RGB	68, 197, 222
RGB Percent	27%, 77%, 87%
CMY	0.7333, 0.2274, 0.1294
CMYK	0.69, 0.11, 0.00, 0.13
HSL	190°, 70%, 57%
HSV	190°, 69%, 87%
XYZ	35.5350, 46.4354, 76.1973
YIQ	161.2790, -84.9090, -19.5730

Conversions

Conversions Part 2

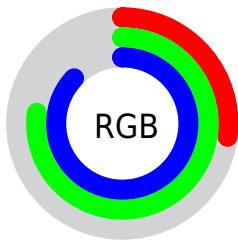
Format	Color
RYB	68, 138, 222
Decimal	4507102
CIELab	73.83, -26.99, -22.69
CIELCh	74, 35.258, 220.057
Yxy	46.4354, 0.2247, 0.2936
Android (android.graphics.Color)	4282697182 (0xFF44C5DE)
YUV	161.2790, 29.9355, -81.8057
Hunter-Lab	68.1435, -26.1683, -18.5969

Details

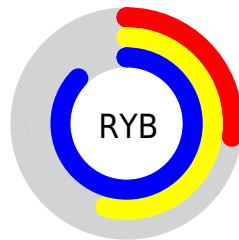
The XYZ color **35.5350, 46.4354, 76.1973** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **35.0834, 23.7775, 8.2109**, and the grayscale version is **33.9013, 35.6668, 38.8412**.

A 20% lighter version of the original color is **63.4835, 83.2545, 107.3315**, and **16.7975, 22.4349, 40.0043** is the 20% darker color. If you saturate the color by 10%, you get **33.4614, 44.1670, 75.8696**, and if you desaturate by 10%, it is **38.2170, 49.0484, 76.5612**.

Distribution



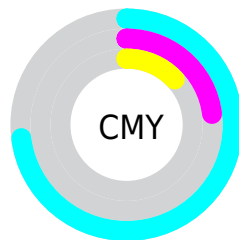
- Red (27%)
- Green (77%)
- Blue (87%)



- Red (27%)
- Yellow (54%)
- Blue (87%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (73%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5350, 46.4354, 76.1973 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 35.5350, 46.4354, 76.1973 by changing the saturation by 10% instead.

35.5350, 46.4354,
76.1973

35.5350, 46.4354,
76.1973

318.3903,
372.5563, 501.3876

24.2437, 32.5895,
56.0867

67.6423, 84.8702,
129.7684

15.6402, 21.8122,
39.8680

89.1891, 110.2280,
164.0660

9.3592, 13.7190,
27.1226

114.8850,
140.1919, 203.9296

5.0352, 7.9255,
17.4321

145.0956,
175.1462, 249.7778

2.3029, 4.0473,
10.3778

180.1860,
215.4754, 302.0292

0.7961, 1.7001,
5.5413

220.5217,

0.0000, 0.4237,

261.5639, 361.1023

2.5040

266.4680,
313.7961, 427.4156

■ 0.0000, 0.0000,
0.8423

■ 0.0000, 0.0000,
0.0000

■ 35.5350, 46.4354,
76.1973

■ 35.5350, 46.4354,
76.1973

■ 33.4614, 44.1670,
75.8696

■ 38.2170, 49.0484,
76.5612

■ 31.9216, 42.2016,
75.5714


■ 41.5624, 52.0317,
76.9607


■ 30.8018, 40.4815,
75.2984


■ 45.6248, 55.4140,
77.3994


■ 30.7360, 40.3759,
75.2815


■ 50.4510, 59.2198,
77.8796

 56.0840, 63.4712,
78.4034

 62.5632, 68.1890,
78.9725

 69.9256, 73.3922,
79.5888

 78.2060, 79.0991,
80.2539

 82.5656, 82.8153,
80.7414

Harmonies

Analogous

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



33.2961, 46.4354, 56.8330



35.5350, 46.4354, 76.1973



40.1492, 46.4354, 90.4628

Triad

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



35.5350, 46.4354, 76.1973



56.4676, 46.4354, 63.2768



42.0633, 46.4354, 23.6117

Complementary

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



35.5350, 46.4354, 76.1973



35.0834, 23.7775, 8.2109

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.



48.3772, 46.4354, 24.5510



35.5350, 46.4354, 76.1973



57.1038, 46.4354, 44.7669

Square

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



35.5350, 46.4354, 76.1973



52.3585, 46.4354, 81.8638



54.0224, 46.4354, 31.4347



36.8219, 46.4354, 28.4678

Rectangle

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



35.5350, 46.4354, 76.1973



44.1474, 46.4354, 93.5492



54.0224, 46.4354, 31.4347



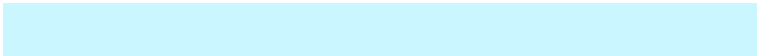
44.1235, 46.4354, 23.2938

Sweetspot

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



35.5365, 46.4371, 76.1984



75.3077, 85.7983, 107.1993



30.3992, 54.2297, 18.7873



15.6475, 18.0110, 22.9017



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.



35.5365, 46.4371, 76.1984



44.8229, 59.2649, 103.6846



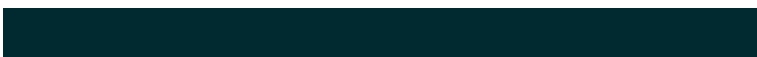
22.5177, 20.3995, 71.8588



13.9172, 15.1736, 17.5830



18.3255, 24.1206, 44.7382



1.3215, 1.7744, 3.1181

Inverse Universe

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



42.2707, 23.6966, 55.1710



55.1201, 28.2147, 70.6972



45.1902, 43.9911, 11.5798



14.1944, 13.8954, 16.7941



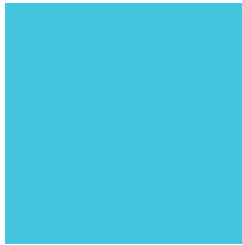
23.1901, 11.3430, 28.7304



1.6333, 0.7966, 2.1277

Previews

White Background



This preview shows how the XYZ color 35.5350, 46.4354, 76.1973 looks on a white background.

Color Contrast Check

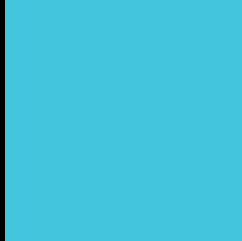
Large Text (above 18pt) WCAG AA × Fail

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 35.5350, 46.4354, 76.1973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

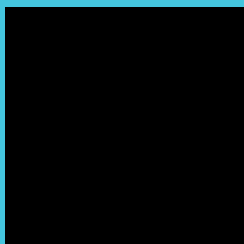
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

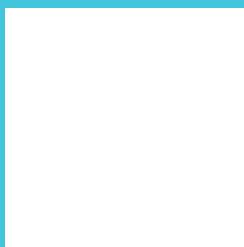
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5350, 46.4354, 76.1973

Background



This preview shows how black text looks on a background with the XYZ color 35.5350, 46.4354, 76.1973.



This preview shows how white text looks on a background with the XYZ color 35.5350, 46.4354,

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

35.5350, 46.4354, 76.1973

Protanopia

45.2085, 45.8920, 67.4481

Deuteranopia

47.0428, 45.9890, 79.0704



Tritanopia

34.3816, 46.3000, 70.7430

Trichromacy



Original Color

35.5350, 46.4354, 76.1973

Protanomaly

39.6882, 45.1237, 70.2363

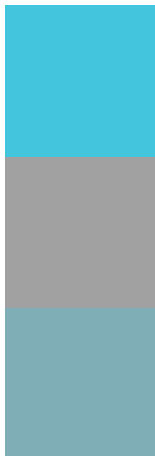
Deuteranomaly

40.7228, 44.8681, 77.7483

Tritanomaly

34.8984, 46.5217, 72.7859

Monochromacy



Original Color

35.5350, 46.4354, 76.1973

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.4357, 38.2030, 50.4641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5350, 46.4354, 76.1973 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(68, 197, 222)` looks like.

```
.text, #text, p{  
    color:rgb(68, 197, 222)  
}
```

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(68, 197, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 197, 222) }
```

Border

The CSS property to change the border of an element to XYZ 35.5350, 46.4354, 76.1973 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(68, 197, 222) }
```


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

```
.border{ border-color:rgb(68, 197, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 197, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 197, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 197, 222);  
box-shadow:4px 4px 4px 4px rgb(68, 197,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5350, 46.4354, 76.1973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 197, 222) }
```

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

```
.background{ background-color: rgb(68, 197,  
222) }
```

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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