

Converting Colors

XYZ(35.4346, 41.5635, 74.5625)

Have a look what the booklet for
XYZ(35.4346, 41.5635, 74.5625)
contains.

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Color

**XYZ(35.4880, 41.6194,
74.5695)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 68B6DD |
| RGB | 104, 182, 221 |
| RGB Percent | 41%, 71%, 87% |
| CMY | 0.5921, 0.2863, 0.1333 |
| CMYK | 0.53, 0.18, 0.00, 0.13 |
| HSL | 200°, 63%, 64% |
| HSV | 200°, 53%, 87% |
| XYZ | 35.4880, 41.6194, 74.5695 |
| YIQ | 163.1240, -59.0070, -4.4070 |

Conversions

Conversions Part 2

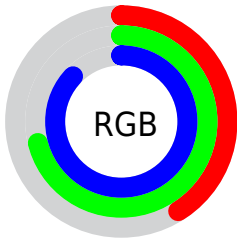
| Format | Color |
|-------------------------------------|---|
| RYB | 104, 151, 221 |
| Decimal | 6862557 |
| CIELab | 70.61, -13.27, -26.97 |
| CIElCh | 71, 30.055, 243.801 |
| Yxy | 41.6194, 0.2340, 0.2744 |
| Android (android.graphics.Color) | 4285052637 (0xFF68B6DD) |
| YUV | 163.1240, 28.5329, -51.8517 |
| Hunter-Lab | 64.5131, -14.7069, -23.3730 |

Details

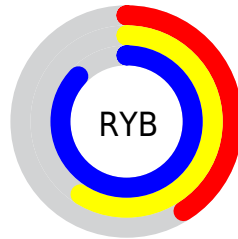
The XYZ color **35.4880, 41.6194, 74.5695** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **42.1411, 36.0180, 17.8293**, and the grayscale version is **34.7620, 36.5724, 39.8273**.

A 20% lighter version of the original color is **63.5248, 76.0505, 105.9388**, and **15.6083, 18.9048, 38.9027** is the 20% darker color. If you saturate the color by 10%, you get **31.7820, 37.5286, 73.9760**, and if you desaturate by 10%, it is **39.9482, 46.2185, 75.2229**.

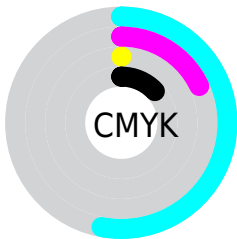
Distribution



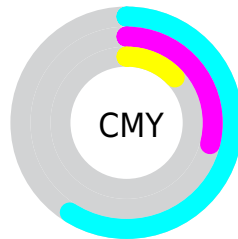
- Red (41%)
- Green (71%)
- Blue (87%)



- Red (41%)
- Yellow (59%)
- Blue (87%)



- Cyan (53%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (59%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4880, 41.6194, 74.5695 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 35.4880, 41.6194, 74.5695 by changing the saturation by 10% instead.

■ 35.4880, 41.6194,
74.5695

■ 35.4880, 41.6194,
74.5695

318.1875,
352.9028, 495.6525

■ 24.2073, 28.8034,
54.7607

■ 67.5701, 77.6233,
127.4443

■ 15.6130, 18.9321,
38.8128

■ 89.1023, 101.5799,
161.3473

■ 9.3399, 11.6213,
26.3074

■ 114.7823,
130.0189, 200.7855

■ 5.0224, 6.4863,
16.8260

■ 144.9755,
163.3247, 246.1773

■ 2.2953, 3.1430,
9.9498

180.0472,
201.8815, 297.9414

■ 0.7923, 1.2068,
5.2605

220.3629,

■ 0.0000, 0.0673,

246.0739, 356.4963

2.3395

266.2879,
296.2862, 422.2604

■ 0.0000, 0.0000,
0.7532

■ 0.0000, 0.0000,
0.0000

■ 35.4880, 41.6194,
74.5695

■ 35.4880, 41.6194,
74.5695

■ 31.7820, 37.5286,
73.9760

■ 39.9482, 46.2185,
75.2229

■ 28.7712, 33.9114,
73.4365

■ 45.2077, 51.3484,
75.9359

■ 26.3938, 30.7349,
72.9487

■ 51.3123, 57.0353,
76.7118

■ 24.5737, 27.9582,
72.5086

■ 58.3035, 63.3022,
77.5530

■ 23.5371, 26.1921,
72.2224

■ 66.2195, 70.1705,
78.4615

■ 75.0965, 77.6603,
79.4393

■ 83.5916, 85.0812,
80.4239

■ 85.7276, 89.3532,
81.1359

■ 87.9518, 93.8016,
81.8773

Harmonies

Analogous

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



32.1378, 41.6194, 62.3071



35.4880, 41.6194, 74.5695



40.1948, 41.6194, 78.4698

Triad

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



35.4880, 41.6194, 74.5695



49.8777, 41.6194, 43.5265



34.4772, 41.6194, 26.1694

Complementary

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



35.4880, 41.6194, 74.5695



42.1411, 36.0180, 17.8293

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.



38.9279, 41.6194, 23.1297



35.4880, 41.6194, 74.5695



48.0405, 41.6194, 31.7348

Square

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



35.4880, 41.6194, 74.5695



48.7651, 41.6194, 58.5022



43.9278, 41.6194, 24.9315



31.5895, 41.6194, 34.2777

Rectangle

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



35.4880, 41.6194, 74.5695



43.5405, 41.6194, 75.2459



43.9278, 41.6194, 24.9315



35.8261, 41.6194, 24.6080

Sweetspot

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



35.4894, 41.6209, 74.5705



77.4138, 84.6940, 106.8752



36.3780, 56.5815, 34.2244



16.1361, 17.7403, 22.8237



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.



35.4894, 41.6209, 74.5705



43.2373, 51.0722, 102.1868



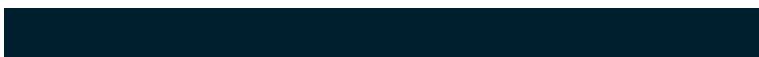
26.1522, 22.9465, 71.4581



13.0602, 14.0602, 16.6777



13.7810, 15.4315, 41.9906



0.9708, 1.1557, 2.7463

Inverse Universe

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



43.2138, 28.6516, 47.5102



55.5455, 33.0779, 58.4693



52.8687, 57.4732, 21.4051



13.4203, 13.1972, 15.4743



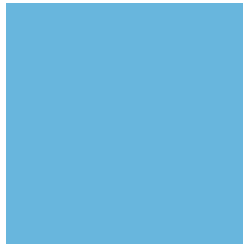
20.4514, 10.1816, 17.2887



1.3643, 0.6754, 1.3273

Previews

White Background



This preview shows how the XYZ color 35.4880, 41.6194, 74.5695 looks on a white background.

Color Contrast Check

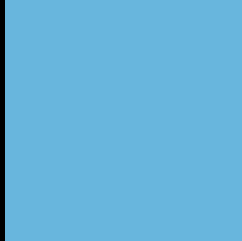
Large Text (above 18pt) WCAG AA × Fail

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 35.4880, 41.6194, 74.5695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

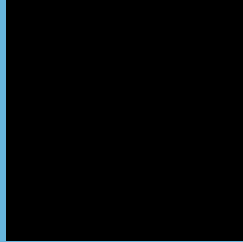
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4880, 41.6194, 74.5695

Background



This preview shows how black text looks on a background with the XYZ color 35.4880, 41.6194, 74.5695.



This preview shows how white text looks on a background with the XYZ color 35.4880, 41.6194,

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

35.4880, 41.6194, 74.5695

Protanopia

41.2853, 41.2349, 68.7340

Deuteranopia

42.3405, 41.3348, 76.2678



Tritanopia

33.0313, 41.8762, 61.6003

Trichromacy



Original Color

35.4880, 41.6194, 74.5695

Protanomaly

38.5152, 40.8927, 70.8289

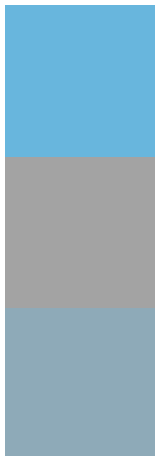
Deuteranomaly

39.2706, 41.1753, 75.6899

Tritanomaly

33.9897, 41.9613, 65.9824

Monochromacy



Original Color

35.4880, 41.6194, 74.5695

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.1818, 37.9609, 50.8730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4880, 41.6194, 74.5695 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(104, 182, 221)` looks like.

```
.text, #text, p{  
    color:rgb(104, 182, 221)  
}
```

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(104, 182, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 182, 221) }
```

Border

The CSS property to change the border of an element to XYZ 35.4880, 41.6194, 74.5695 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(104, 182, 221) }
```


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

```
.border{ border-color:rgb(104, 182, 221) }
```

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

Here you see how a box with a 4 pixel rgb(104, 182, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 182, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 182, 221);  
box-shadow:4px 4px 4px 4px rgb(104, 182,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4880, 41.6194, 74.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 182, 221) }
```

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

```
.background{ background-color: rgb(104,  
182, 221) }
```

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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