

Converting Colors

XYZ(35.1774, 38.3664, 68.5032)

Have a look what the booklet for
XYZ(35.1774, 38.3664, 68.5032)
contains.

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Color

**XYZ(35.1773, 38.3655,
68.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	7EABD5
RGB	126, 171, 213
RGB Percent	49%, 67%, 84%
CMY	0.5059, 0.3294, 0.1647
CMYK	0.41, 0.20, 0.00, 0.16
HSL	209°, 51%, 66%
HSV	209°, 41%, 84%
XYZ	35.1773, 38.3655, 68.5020
YIQ	162.3330, -40.3020, 3.5220

Conversions

Conversions Part 2

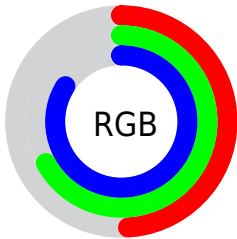
Format	Color
RYB	126, 156, 213
Decimal	8301525
CIELab	68.29, -4.33, -26.05
CIELCh	68, 26.405, 260.564
Yxy	38.3655, 0.2476, 0.2701
Android (android.graphics.Color)	4286491605 (0xFF7EABD5)
YUV	162.3330, 24.9788, -31.8640
Hunter-Lab	61.9399, -7.0199, -22.2134

Details

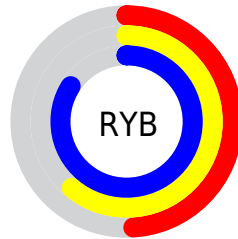
The XYZ color **35.1773, 38.3655, 68.5020** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.2100, 43.6587, 25.7841**, and the grayscale version is **34.3998, 36.1913, 39.4123**.

A 20% lighter version of the original color is **64.5378, 71.5578, 105.0183**, and **15.4409, 17.0400, 34.8230** is the 20% darker color. If you saturate the color by 10%, you get **30.4973, 33.1816, 67.7487**, and if you desaturate by 10%, it is **40.6795, 44.1993, 69.3387**.

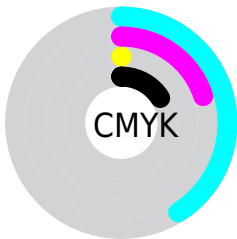
Distribution



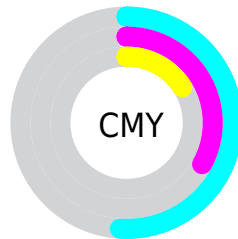
- Red (49%)
- Green (67%)
- Blue (84%)



- Red (49%)
- Yellow (61%)
- Blue (84%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (51%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1773, 38.3655, 68.5020 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 35.1773, 38.3655, 68.5020 by changing the saturation by 10% instead.

■ 35.1773, 38.3655,
68.5020

■ 35.1773, 38.3655,
68.5020

316.8446,
339.1853, 473.9189

■ 23.9666, 26.2665,
49.8370

■ 67.0926, 72.6680,
118.7310

■ 15.4335, 17.0231,
34.9136

■ 88.5279, 95.6403,
151.1321

■ 9.2125, 10.2510,
23.3133

■ 114.1021,
123.0058, 188.9489

■ 4.9382, 5.5657,
14.6176

144.1806,
155.1489, 232.6001

■ 2.2455, 2.5828,
8.4078

179.1287,
192.4540, 282.5042

■ 0.7665, 0.9180,
4.2655

219.3119,

■ 0.0000, 0.0000,

235.3055, 339.0796

1.7721

265.0954,
284.0878, 402.7450

■ 0.0000, 0.0000,
0.4095

■ 0.0000, 0.0000,
0.0000

■ 35.1773, 38.3655,
68.5020

■ 35.1773, 38.3655,
68.5020

■ 30.4973, 33.1816,
67.7487

■ 40.6795, 44.1993,
69.3387

■ 26.5897, 28.6142,
67.0731

■ 47.0427, 50.7053,
70.2591

■ 23.4042, 24.6331,
66.4726

■ 54.3072, 57.9101,
71.2669

■ 20.8826, 21.2028,
65.9434

■ 62.5097, 65.8370,
72.3646

■ 18.9561, 18.2821,
65.4812

■ 71.6850, 74.5084,
73.5548

■ 17.6051, 15.9937,
65.1106

■ 81.8656, 83.9455,
74.8398

■ 85.2954, 90.1543,
75.8574

■ 88.4591, 96.4816,
76.9120

■ 89.0104, 97.5841,
77.0957

Harmonies

Analogous

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



31.6445, 38.3655, 61.9430



35.1773, 38.3655, 68.5020



39.3299, 38.3655, 66.9250

Triad

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



35.1773, 38.3655, 68.5020



44.4273, 38.3655, 34.2749



30.6629, 38.3655, 28.9148

Complementary

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



35.1773, 38.3655, 68.5020



45.2100, 43.6587, 25.7841

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.



33.7432, 38.3655, 23.8755



35.1773, 38.3655, 68.5020



41.7523, 38.3655, 26.5398

Square

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



35.1773, 38.3655, 68.5020



44.8841, 38.3655, 45.6187



37.7843, 38.3655, 23.0970



29.1711, 38.3655, 38.1507

Rectangle

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



35.1773, 38.3655, 68.5020



41.8838, 38.3655, 61.5688



37.7843, 38.3655, 23.0970



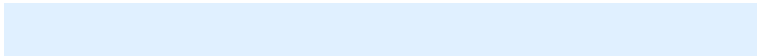
31.5355, 38.3655, 26.7534

Sweetspot

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



35.1786, 38.3670, 68.5029



80.1418, 85.5857, 106.9035



39.3376, 54.8002, 44.8710



16.8333, 18.0038, 22.8378



0.0000, 0.0000, 0.0000



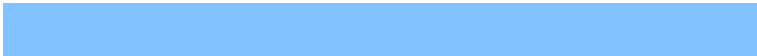
20.3446, 21.4041, 23.3091

Same Dimension

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



35.1786, 38.3670, 68.5029



46.7071, 50.8568, 101.9624



28.4527, 24.9152, 66.2609



12.2686, 13.0606, 15.8118



10.8567, 9.9752, 39.8064



0.7376, 0.7671, 2.4285

Inverse Universe

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



42.2532, 32.0093, 42.4810



59.0435, 41.1642, 56.2739



54.2786, 61.7959, 28.8069



12.6888, 12.5270, 14.3013



18.5388, 9.3519, 10.1415



1.1599, 0.5808, 0.8316

Previews

White Background



This preview shows how the XYZ color 35.1773, 38.3655, 68.5020 looks on a white background.

Color Contrast Check

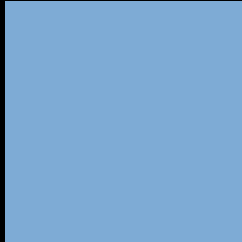
Large Text (above 18pt) WCAG AA × Fail

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 35.1773, 38.3655, 68.5020 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 35.1773, 38.3655, 68.5020

Background



This preview shows how black text looks on a background with the XYZ color 35.1773, 38.3655, 68.5020.



This preview shows how white text looks on a background with the XYZ color 35.1773, 38.3655,

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

35.1773, 38.3655, 68.5020

Protanopia

38.1782, 38.0735, 65.0112

Deuteranopia

39.0732, 38.1686, 69.5979



Tritanopia

32.2610, 38.3271, 53.8417

Trichromacy



Original Color

35.1773, 38.3655, 68.5020

Protanomaly

36.9532, 38.2199, 66.4023

Deuteranomaly

37.4509, 38.1472, 69.0076

Tritanomaly

33.3551, 38.4869, 59.0968

Monochromacy



Original Color

35.1773, 38.3655, 68.5020

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.1900, 36.6360, 48.9855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1773, 38.3655, 68.5020 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(126, 171, 213)` looks like.

```
.text, #text, p{  
    color:rgb(126, 171, 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(126, 171, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 171, 213) }
```

Border

The CSS property to change the border of an element to XYZ 35.1773, 38.3655, 68.5020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

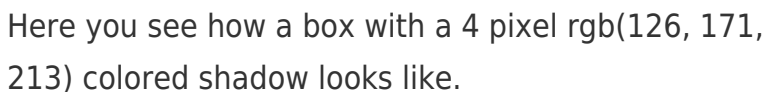
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 171, 213) }
```


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

```
.border{ border-color:rgb(126, 171, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 171, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 171, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 171, 213);  
box-shadow:4px 4px 4px 4px rgb(126, 171,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1773, 38.3655, 68.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 171, 213) }
```

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

```
.background{ background-color: rgb(126,  
171, 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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