

Converting Colors

XYZ(35.1546, 37.9022, 57.8974)

Have a look what the booklet for
XYZ(35.1546, 37.9022, 57.8974)
contains.

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Color

**XYZ(35.1363, 38.0242,
57.7121)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA9C4
RGB	141, 169, 196
RGB Percent	55%, 66%, 77%
CMY	0.4470, 0.3372, 0.2314
CMYK	0.28, 0.14, 0.00, 0.23
HSL	209°, 32%, 66%
HSV	209°, 28%, 77%
XYZ	35.1363, 38.0242, 57.7121
YIQ	163.7060, -25.3550, 2.4610

Conversions

Conversions Part 2

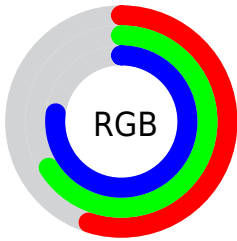
Format	Color
RYB	141, 160, 196
Decimal	9284036
CIELab	68.04, -3.39, -16.96
CIELCh	68, 17.298, 258.706
Yxy	38.0242, 0.2685, 0.2905
Android (android.graphics.Color)	4287474116 (0xFF8DA9C4)
YUV	163.7060, 15.9209, -19.9132
Hunter-Lab	61.6638, -6.2015, -12.3258

Details

The XYZ color **35.1363, 38.0242, 57.7121** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.5759, 41.6645, 31.0511**, and the grayscale version is **35.0833, 36.9104, 40.1954**.

A 20% lighter version of the original color is **67.1502, 72.1389, 103.3135**, and **15.3636, 16.7994, 28.0240** is the 20% darker color. If you saturate the color by 10%, you get **30.3696, 33.0075, 56.9957**, and if you desaturate by 10%, it is **40.6269, 43.6114, 58.5018**.

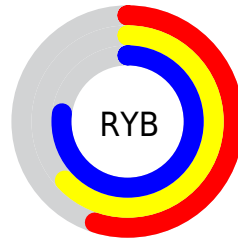
Distribution



Red (55%)

Green (66%)

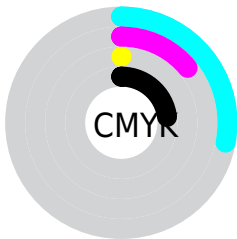
Blue (77%)



Red (55%)

Yellow (63%)

Blue (77%)

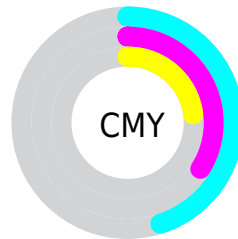


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (45%)

Magenta (34%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1363, 38.0242, 57.7121 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 35.1363, 38.0242, 57.7121 by changing the saturation by 10% instead.

■ 35.1363, 38.0242,
57.7121

■ 35.1363, 38.0242,
57.7121

316.6670,
337.7238, 433.6806

■ 23.9349, 26.0015,
41.1641

■ 67.0295, 72.1452,
103.0141

■ 15.4098, 16.8247,
28.1266

■ 88.4520, 95.0123,
132.6052

■ 9.1957, 10.1096,
18.1813

■ 114.0122,
122.2630, 167.3810

■ 4.9272, 5.4717,
10.9094

144.0756,
154.2816, 207.7602

■ 2.2389, 2.5266,
5.8926

179.0074,
191.4526, 254.1612

■ 0.7631, 0.8899,
2.7121

219.1730,

■ 0.0000, 0.0000,

234.1604, 307.0025

0.9495

264.9377,
282.7893, 366.7028

■ 0.0000, 0.0000,
0.0000

■ 35.1363, 38.0242,
57.7121

■ 35.1363, 38.0242,
57.7121

■ 30.3696, 33.0075,
56.9957

■ 40.6269, 43.6114,
58.5018

■ 26.2893, 28.5352,
56.3475

■ 46.8694, 49.7849,
59.3644

■ 22.8597, 24.5854,
55.7658

■ 53.8945, 56.5654,
60.3029

■ 20.0402, 21.1327,
55.2480

■ 61.7302, 63.9711,
61.3193

■ 17.7851, 18.1489,
54.7909

■ 70.4028, 72.0193,
62.4157

■ 16.0411, 15.6016,
54.3912

■ 78.5996, 80.0369,
63.5312

■ 14.7290, 13.4450,
54.0441

■ 81.3010, 85.4398,
64.4317

■ 14.5008, 13.0593,
53.9816

■ 84.1518, 91.1413,
65.3820

■ 86.9639, 96.7656,
66.3194

Harmonies

Analogous

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



32.8305, 38.0242, 53.5723



35.1363, 38.0242, 57.7121



37.8270, 38.0242, 57.0952

Triad

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



35.1363, 38.0242, 57.7121



41.2702, 38.0242, 36.8260



32.3886, 38.0242, 32.3669

Complementary

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



35.1363, 38.0242, 57.7121



41.5759, 41.6645, 31.0511

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.



34.5056, 38.0242, 28.8851



35.1363, 38.0242, 57.7121



39.6665, 38.0242, 31.2302

Square

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



35.1363, 38.0242, 57.7121



41.4598, 38.0242, 44.3744



37.1644, 38.0242, 28.4965



31.2975, 38.0242, 38.5652

Rectangle

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



35.1363, 38.0242, 57.7121



39.4762, 38.0242, 54.0851



37.1644, 38.0242, 28.4965



32.9989, 38.0242, 30.8748

Sweetspot

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



35.1375, 38.0257, 57.7130



84.8272, 90.1105, 107.5299



37.7544, 47.9550, 44.1099



17.7676, 18.9067, 22.9629



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.



35.1375, 38.0257, 57.7130



57.9162, 62.8854, 103.6933



30.6099, 28.9705, 56.2038



9.9427, 10.5767, 12.8023



9.4037, 8.5638, 34.7140



0.4752, 0.5078, 1.5228

Inverse Universe

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



39.4523, 33.6511, 41.9537



67.2374, 54.1519, 69.4877



47.1072, 52.7272, 32.8949



10.2824, 10.1616, 11.5775



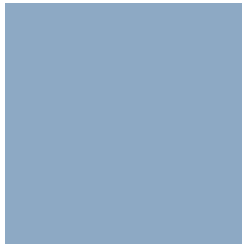
16.1425, 8.1468, 8.6625



0.7322, 0.3659, 0.5573

Previews

White Background



This preview shows how the XYZ color 35.1363, 38.0242, 57.7121 looks on a white background.

Color Contrast Check

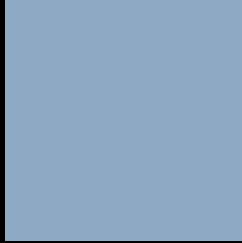
Large Text (above 18pt) WCAG AA × Fail

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 35.1363, 38.0242, 57.7121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

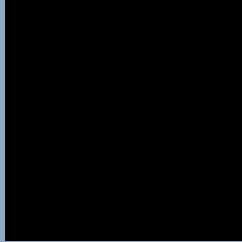
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

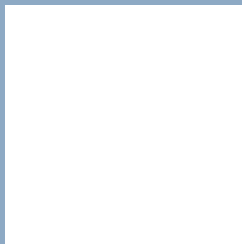
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1363, 38.0242, 57.7121

Background



This preview shows how black text looks on a background with the XYZ color 35.1363, 38.0242, 57.7121.



This preview shows how white text looks on a background with the XYZ color 35.1363, 38.0242,

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

35.1363, 38.0242, 57.7121

Protanopia

37.3983, 37.8748, 55.7915

Deuteranopia

38.8393, 38.0249, 58.7186



Tritanopia

33.9673, 38.1176, 51.4661

Trichromacy



Original Color

35.1363, 38.0242, 57.7121

Protanomaly

36.5107, 37.9398, 56.4377

Deuteranomaly

37.4378, 38.1096, 58.2060

Tritanomaly

34.3753, 37.9990, 53.6669

Monochromacy



Original Color

35.1363, 38.0242, 57.7121

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.1830, 37.4749, 46.4533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1363, 38.0242, 57.7121 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(141, 169, 196)` looks like.

```
.text, #text, p{  
    color:rgb(141, 169, 196)  
}
```

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(141, 169, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 169, 196) }
```

Border

The CSS property to change the border of an element to XYZ 35.1363, 38.0242, 57.7121 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(141, 169, 196) }
```


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

```
.border{ border-color:rgb(141, 169, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 169, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 169, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 169, 196);  
box-shadow:4px 4px 4px 4px rgb(141, 169,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1363, 38.0242, 57.7121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 169, 196) }
```

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

```
.background{ background-color: rgb(141,  
169, 196) }
```

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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