

Converting Colors

XYZ(35.5573, 38.2557, 60.3624)

Have a look what the booklet for
XYZ(35.5573, 38.2557, 60.3624)
contains.

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Color

**XYZ(35.4285, 38.1215,
60.1345)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA9C8
RGB	140, 169, 200
RGB Percent	55%, 66%, 78%
CMY	0.4510, 0.3372, 0.2157
CMYK	0.30, 0.15, 0.00, 0.22
HSL	211°, 35%, 67%
HSV	211°, 30%, 78%
XYZ	35.4285, 38.1215, 60.1345
YIQ	163.8630, -27.2350, 3.4930

Conversions

Conversions Part 2

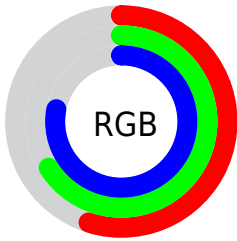
Format	Color
R _Y B	140, 160, 200
Decimal	9218504
CIE _{Lab}	68.11, -2.70, -19.07
CIE _{LCh}	68, 19.264, 261.930
Y _{xy}	38.1215, 0.2650, 0.2852
Android (android.graphics.Color)	4287408584 (0xFF8CA9C8)
YUV	163.8630, 17.8155, -20.9279
Hunter-Lab	61.7426, -5.6246, -14.5259

Details

The XYZ color **35.4285, 38.1215, 60.1345** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **43.1165, 43.2991, 30.8971**, and the grayscale version is **35.1497, 36.9802, 40.2715**.

A 20% lighter version of the original color is **67.2113, 72.1334, 104.9885**, and **15.5741, 16.8726, 29.6300** is the 20% darker color. If you saturate the color by 10%, you get **30.5131, 32.8465, 59.3760**, and if you desaturate by 10%, it is **41.1108, 44.0192, 60.9740**.

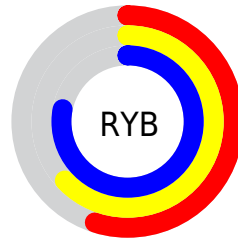
Distribution



Red (55%)

Green (66%)

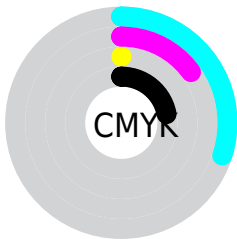
Blue (78%)



Red (55%)

Yellow (63%)

Blue (78%)

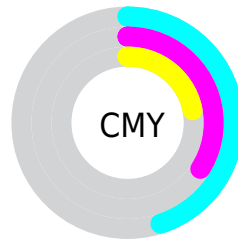


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (34%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4285, 38.1215, 60.1345 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 35.4285, 38.1215, 60.1345 by changing the saturation by 10% instead.

■ 35.4285, 38.1215,
60.1345

■ 35.4285, 38.1215,
60.1345

317.9307,
338.1409, 442.9118

■ 24.1612, 26.0770,
43.1010

■ 67.4787, 72.2943,
106.5700

■ 15.5786, 16.8813,
29.6324

■ 88.9923, 95.1914,
136.8092

■ 9.3154, 10.1499,
19.3101

■ 114.6521,
122.4749, 172.2873

■ 5.0062, 5.4984,
11.7155

144.8234,
154.5291, 213.4230

■ 2.2857, 2.5426,
6.4301

179.8715,
191.7384, 260.6348

■ 0.7873, 0.8979,
3.0353

220.1619,

■ 0.0000, 0.0000,

234.4872, 314.3411

1.1127

266.0598,
283.1599, 374.9606

■ 0.0000, 0.0000,
0.0000

■ 35.4285, 38.1215,
60.1345

■ 35.4285, 38.1215,
60.1345

■ 30.5131, 32.8465,
59.3760

■ 41.1108, 44.0192,
60.9740

■ 26.3242, 28.1655,
58.6933

■ 47.5904, 50.5576,
61.8946

■ 22.8230, 24.0540,
58.0842

■ 54.9004, 57.7595,
62.8994

■ 19.9655, 20.4837,
57.5457

■ 63.0710, 65.6451,
63.9908

■ 17.7014, 17.4230,
57.0742

■ 72.1306, 74.2338,
65.1711

■ 15.9723, 14.8355,
56.6660

■ 80.2416, 82.5825,
66.3551

■ 14.6700, 12.6592,
56.3145

■ 83.2197, 88.5386,
67.3478

■ 14.6699, 12.6590,
56.3145

■ 86.3713, 94.8419,
68.3983

■ 87.4255, 96.9502,
68.7497

Harmonies

Analogous

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



32.7872, 38.1215, 55.9399



35.4285, 38.1215, 60.1345



38.4336, 38.1215, 58.8214

Triad

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



35.4285, 38.1215, 60.1345



41.8598, 38.1215, 35.6314



31.8738, 38.1215, 32.1204

Complementary

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



35.4285, 38.1215, 60.1345



43.1165, 43.2991, 30.8971

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.



34.1187, 38.1215, 27.9761



35.4285, 38.1215, 60.1345



39.9129, 38.1215, 29.7996

Square

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



35.4285, 38.1215, 60.1345



42.2582, 38.1215, 43.8737



37.0503, 38.1215, 27.1895



30.8102, 38.1215, 39.2286

Rectangle

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



35.4285, 38.1215, 60.1345



40.2316, 38.1215, 55.0708



37.0503, 38.1215, 27.1895



32.5092, 38.1215, 30.3774

Sweetspot

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



35.4297, 38.1230, 60.1354



83.4384, 88.5710, 107.3060



38.7261, 49.7871, 45.5999



17.4818, 18.5818, 22.9152



0.0000, 0.0000, 0.0000



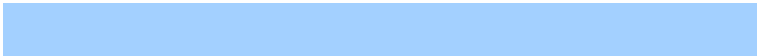
20.3446, 21.4041, 23.3091

Same Dimension

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



35.4297, 38.1230, 60.1354



55.6469, 59.9310, 103.2427



30.6196, 28.5028, 58.5320



10.4727, 11.1194, 13.5118



9.4164, 8.2267, 35.8360



0.5183, 0.5344, 1.7210

Inverse Universe

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



40.3599, 33.9012, 41.9541



65.7053, 52.0585, 65.9841



49.2081, 55.4821, 32.9276



10.8439, 10.7209, 12.1610



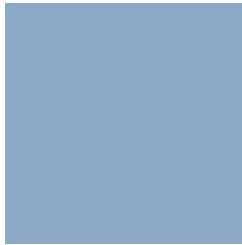
16.5523, 8.3705, 8.1182



0.8203, 0.4110, 0.5770

Previews

White Background



This preview shows how the XYZ color 35.4285, 38.1215, 60.1345 looks on a white background.

Color Contrast Check

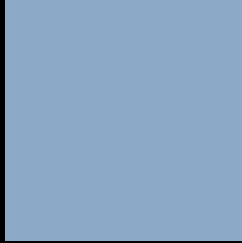
Large Text (above 18pt) WCAG AA × Fail

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 35.4285, 38.1215, 60.1345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

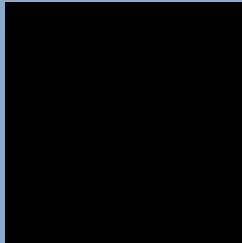
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

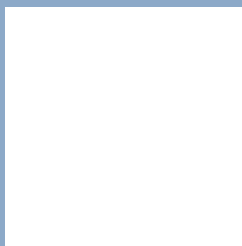
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4285, 38.1215, 60.1345

Background



This preview shows how black text looks on a background with the XYZ color 35.4285, 38.1215, 60.1345.



This preview shows how white text looks on a background with the XYZ color 35.4285, 38.1215,

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

35.4285, 38.1215, 60.1345

Protanopia

37.6516, 37.9531, 58.1645

Deuteranopia

38.7728, 37.9502, 60.5399



Tritanopia

33.8260, 38.3262, 51.5138

Trichromacy



Original Color

35.4285, 38.1215, 60.1345

Protanomaly

36.7782, 38.0251, 58.8272

Deuteranomaly

37.5153, 38.0959, 60.6343

Tritanomaly

34.3384, 38.2468, 54.2877

Monochromacy



Original Color

35.4285, 38.1215, 60.1345

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0896, 37.4153, 46.9674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4285, 38.1215, 60.1345 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(140, 169, 200)` looks like.

```
.text, #text, p{  
    color:rgb(140, 169, 200)  
}
```

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(140, 169, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 169, 200) }
```

Border

The CSS property to change the border of an element to XYZ 35.4285, 38.1215, 60.1345 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(140, 169, 200) }
```


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

```
.border{ border-color:rgb(140, 169, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 169, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 169, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 169, 200);  
box-shadow:4px 4px 4px 4px rgb(140, 169,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4285, 38.1215, 60.1345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 169, 200) }
```

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

```
.background{ background-color: rgb(140,  
169, 200) }
```

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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