

Converting Colors

XYZ(35.8862, 38.0276, 62.5754)

Have a look what the booklet for
XYZ(35.8862, 38.0276, 62.5754)
contains.

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Color

**XYZ(35.8862, 38.0276,
62.5754)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA8CC
RGB	141, 168, 204
RGB Percent	55%, 66%, 80%
CMY	0.4470, 0.3412, 0.2000
CMYK	0.31, 0.18, 0.00, 0.20
HSL	214°, 38%, 68%
HSV	214°, 31%, 80%
XYZ	35.8862, 38.0276, 62.5754
YIQ	164.0310, -27.6480, 5.4720

Conversions

Conversions Part 2

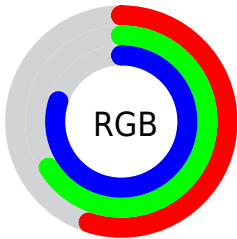
Format	Color
R _{YB}	141, 160, 204
Decimal	9283788
CIE Lab	68.04, -0.86, -21.38
CIE LCh	68, 21.401, 267.687
Yxy	38.0276, 0.2629, 0.2786
Android (android.graphics.Color)	4287473868 (0xFF8DA8CC)
YUV	164.0310, 19.7047, -20.1982
Hunter-Lab	61.6665, -4.0402, -16.9973

Details

The XYZ color **35.8862, 38.0276, 62.5754** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.4323, 46.2052, 31.7243**, and the grayscale version is **35.2209, 37.0552, 40.3531**.

A 20% lighter version of the original color is **67.2026, 71.7311, 104.9113**, and **15.8702, 16.8166, 31.2636** is the 20% darker color. If you saturate the color by 10%, you get **30.6755, 32.2893, 61.7431**, and if you desaturate by 10%, it is **41.9312, 44.4841, 63.5037**.

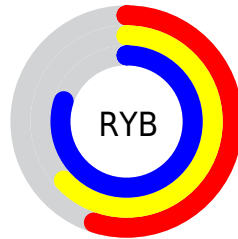
Distribution



Red (55%)

Green (66%)

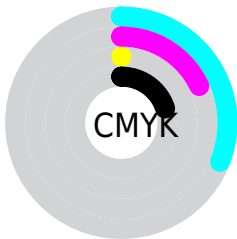
Blue (80%)



Red (55%)

Yellow (63%)

Blue (80%)

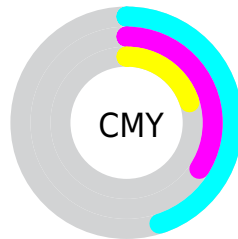


Cyan (31%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (45%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8862, 38.0276, 62.5754 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 35.8862, 38.0276, 62.5754 by changing the saturation by 10% instead.

■ 35.8862, 38.0276,
62.5754

■ 35.8862, 38.0276,
62.5754

319.9028,
337.7384, 452.0923

■ 24.5160, 26.0041,
45.0590

■ 68.1814, 72.1504,
110.1364

■ 15.8436, 16.8267,
31.1606

■ 89.8371, 95.0186,
141.0180

■ 9.5037, 10.1110,
20.4617

■ 115.6521,
122.2704, 177.1918

■ 5.1309, 5.4726,
12.5437

145.9916,
154.2903, 219.0764

■ 2.3598, 2.5272,
6.9881

181.2211,
191.4626, 267.0901

■ 0.8250, 0.8902,
3.3763

221.7059,

■ 0.0000, 0.0000,

234.1718, 321.6517

1.2898

267.8114,
282.8023, 383.1796

■ 0.0000, 0.0000,
0.0534

■ 0.0000, 0.0000,
0.0000

■ 35.8862, 38.0276,
62.5754

■ 35.8862, 38.0276,
62.5754

■ 30.6755, 32.2893,
61.7431

■ 41.9312, 44.4841,
63.5037

■ 26.2552, 27.2366,
61.0008

■ 48.8441, 51.6808,
64.5284

■ 22.5828, 22.8406,
60.3458

■ 56.6610, 59.6440,
65.6535

■ 19.6099, 19.0681,
59.7744

■ 65.4150, 68.3976,
66.8817

■ 17.2817, 15.8824,
59.2822

■ 75.1370, 77.9640,
68.2158

■ 15.5336, 13.2412,
58.8645

■ 82.6975, 86.7362,
69.5105

■ 14.3426, 11.2464,
58.5422

■ 86.2009, 93.7431,
70.6784

■ 87.8992, 97.1397,
71.2444

Harmonies

Analogous

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



32.8268, 38.0276, 58.9269



35.8862, 38.0276, 62.5754



39.2031, 38.0276, 59.8686

Triad

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



35.8862, 38.0276, 62.5754



42.1185, 38.0276, 33.4527



30.9959, 38.0276, 32.3526

Complementary

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



35.8862, 38.0276, 62.5754



45.4323, 46.2052, 31.7243

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.



33.2485, 38.0276, 27.1920



35.8862, 38.0276, 62.5754



39.6777, 38.0276, 27.7552

Square

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



35.8862, 38.0276, 62.5754



42.9302, 38.0276, 42.1504



36.4032, 38.0276, 25.6464



30.1137, 38.0276, 40.6696

Rectangle

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



35.8862, 38.0276, 62.5754



41.0912, 38.0276, 55.0246



36.4032, 38.0276, 25.6464



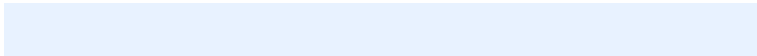
31.6109, 38.0276, 30.2425

Sweetspot

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



35.8874, 38.0291, 62.5763



83.0632, 87.8207, 107.1809



40.4842, 52.0116, 49.3448



17.3896, 18.3973, 22.8845



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.



35.8874, 38.0291, 62.5763



53.5846, 56.5749, 102.7036



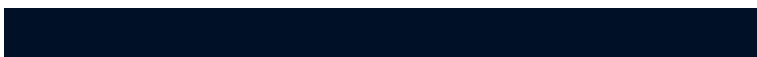
32.1373, 29.4484, 61.1177



10.9905, 11.6214, 14.2343



9.1157, 7.2554, 36.8763



0.5451, 0.5239, 1.9273

Inverse Universe

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



41.4956, 34.7154, 41.5610



64.4767, 50.8487, 61.7288



50.1674, 57.3614, 33.6281



11.4086, 11.2922, 12.6861



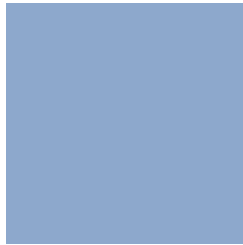
16.8121, 8.5354, 6.7292



0.9051, 0.4554, 0.5460

Previews

White Background



This preview shows how the XYZ color 35.8862, 38.0276, 62.5754 looks on a white background.

Color Contrast Check

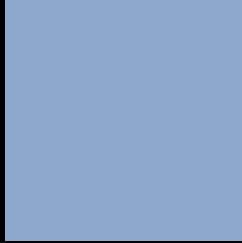
Large Text (above 18pt) WCAG AA × Fail

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 35.8862, 38.0276, 62.5754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

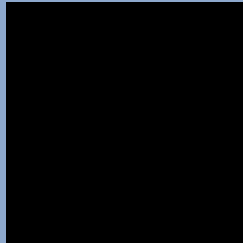
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8862, 38.0276, 62.5754

Background



This preview shows how black text looks on a background with the XYZ color 35.8862, 38.0276, 62.5754.

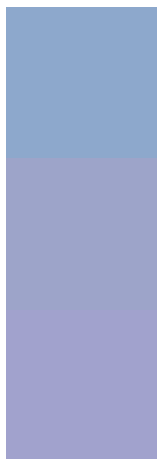


This preview shows how white text looks on a background with the XYZ color 35.8862, 38.0276,

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

35.8862, 38.0276, 62.5754

Protanopia

37.7227, 37.9361, 60.5925

Deuteranopia

38.6377, 37.8255, 63.0222



Tritanopia

33.6364, 37.9470, 51.4506

Trichromacy



Original Color

35.8862, 38.0276, 62.5754

Protanomaly

36.8783, 37.7538, 61.2206

Deuteranomaly

37.6213, 37.8287, 63.0764

Tritanomaly

34.3704, 37.9585, 55.3844

Monochromacy



Original Color

35.8862, 38.0276, 62.5754

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.3021, 37.2329, 47.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8862, 38.0276, 62.5754 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, 168, 204)` looks like.

```
.text, #text, p{  
    color:rgb(141, 168, 204)  
}
```

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, 168, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 168, 204) }
```

Border

The CSS property to change the border of an element to XYZ 35.8862, 38.0276, 62.5754 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, 168, 204) }
```


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

```
.border{ border-color:rgb(141, 168, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 168, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 168, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 168, 204);  
box-shadow:4px 4px 4px 4px rgb(141, 168,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8862, 38.0276, 62.5754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 168, 204) }
```

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

```
.background{ background-color: rgb(141,  
168, 204) }
```

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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