

Converting Colors

XYZ(35.7292, 37.4792, 56.5890)

Have a look what the booklet for
XYZ(35.7292, 37.4792, 56.5890)
contains.

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Color

**XYZ(35.7682, 37.5570,
56.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	95A6C2
RGB	149, 166, 194
RGB Percent	58%, 65%, 76%
CMY	0.4157, 0.3490, 0.2392
CMYK	0.23, 0.14, 0.00, 0.24
HSL	217°, 27%, 67%
HSV	217°, 23%, 76%
XYZ	35.7682, 37.5570, 56.4030
YIQ	164.1090, -19.1200, 5.1040

Conversions

Conversions Part 2

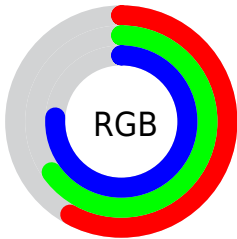
Format	Color
R_{YB}	149, 161, 194
Decimal	9807554
CIE _{Lab}	67.69, 0.24, -16.33
CIE _{LCh}	68, 16.328, 270.843
Yxy	37.5570, 0.2757, 0.2895
Android (android.graphics.Color)	4287997634 (0xFF95A6C2)
YUV	164.1090, 14.7363, -13.2506
Hunter-Lab	61.2838, -3.0653, -11.6694

Details

The XYZ color **35.7682, 37.5570, 56.4030** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.3955, 45.0836, 34.8494**, and the grayscale version is **35.2779, 37.1151, 40.4184**.

A 20% lighter version of the original color is **68.1709, 71.5153, 101.4776**, and **15.6807, 16.4695, 27.1634** is the 20% darker color. If you saturate the color by 10%, you get **30.4272, 31.6986, 55.5543**, and if you desaturate by 10%, it is **41.9070, 44.1343, 57.3496**.

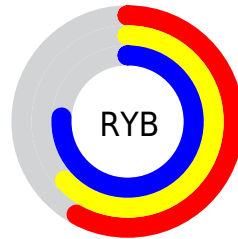
Distribution



Red (58%)

Green (65%)

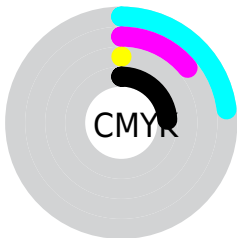
Blue (76%)



Red (58%)

Yellow (63%)

Blue (76%)

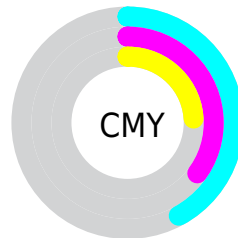


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7682, 37.5570, 56.4030 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 35.7682, 37.5570, 56.4030 by changing the saturation by 10% instead.

■ 35.7682, 37.5570,
56.4030

■ 35.7682, 37.5570,
56.4030

319.3952,
335.7158, 428.6394

■ 24.4245, 25.6390,
40.1200

■ 68.0004, 71.4286,
101.0852

■ 15.7753, 16.5538,
27.3176

■ 89.6195, 94.1511,
130.3215

■ 9.4551, 9.9169,
17.5773

115.3946,
121.2438, 164.7126

■ 5.0987, 5.3439,
10.4807

145.6908,
153.0913, 204.6771

■ 2.3406, 2.4504,
5.6091

180.8736,
190.0778, 250.6334

■ 0.8153, 0.8516,
2.5439

221.3084,

■ 0.0000, 0.0000,

232.5878, 303.0003

0.8633

267.3605,
281.0057, 362.1961

■ 0.0000, 0.0000,
0.0000

■ 35.7682, 37.5570,
56.4030

■ 35.7682, 37.5570,
56.4030

■ 30.4272, 31.6986,
55.5543

■ 41.9070, 44.1343,
57.3496

■ 25.8458, 26.5282,
54.7978

■ 48.8728, 51.4508,
58.3947

■ 21.9876, 22.0192,
54.1308

■ 56.6974, 59.5315,
59.5420

■ 18.8115, 18.1413,
53.5497

■ 65.4098, 68.3990,
60.7944

■ 16.2721, 14.8615,
53.0505

■ 75.0378, 78.0747,
62.1546

■ 14.3178, 12.1429,
52.6288

■ 81.6764, 86.5525,
63.4411

■ 12.8872, 9.9432,
52.2796

■ 85.3178, 93.8352,
64.6549

■ 12.1398, 8.6993,
52.0789

■ 86.7377, 96.6751,
65.1282

Harmonies

Analogous

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



33.3870, 37.5570, 54.2533



35.7682, 37.5570, 56.4030



38.2400, 37.5570, 54.0070

Triad

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



35.7682, 37.5570, 56.4030



40.0222, 37.5570, 34.1810



31.6290, 37.5570, 34.4961

Complementary

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



35.7682, 37.5570, 56.4030



43.3955, 45.0836, 34.8494

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.



33.2690, 37.5570, 30.0952



35.7682, 37.5570, 56.4030



38.1107, 37.5570, 29.9289

Square

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



35.7682, 37.5570, 56.4030



40.7660, 37.5570, 40.6892



35.6255, 37.5570, 28.5242



31.0663, 37.5570, 41.0979

Rectangle

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



35.7682, 37.5570, 56.4030



39.5888, 37.5570, 50.2999



35.6255, 37.5570, 28.5242



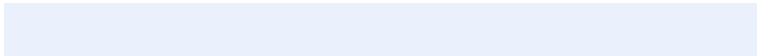
32.0686, 37.5570, 32.7391

Sweetspot

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



35.7694, 37.5585, 56.4039



83.4201, 87.8617, 105.0321



39.5979, 48.1382, 48.6698



18.0960, 19.0602, 22.9752



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.



35.7694, 37.5585, 56.4039



59.5485, 62.3147, 101.3592



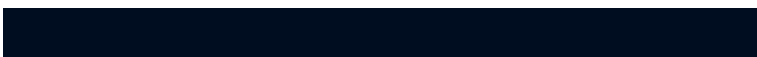
33.8599, 32.2854, 55.4867



9.8332, 10.3577, 12.7658



8.0548, 5.8660, 34.2643



0.4145, 0.3865, 1.5026

Inverse Universe

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



39.8794, 35.7183, 40.8705



68.4308, 58.7161, 67.7050



45.6416, 51.5411, 35.9775



10.2271, 10.1394, 11.2865



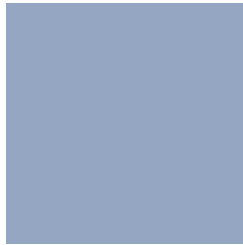
15.4616, 7.8744, 5.0771



0.7016, 0.3537, 0.3962

Previews

White Background



This preview shows how the XYZ color 35.7682, 37.5570, 56.4030 looks on a white background.

Color Contrast Check

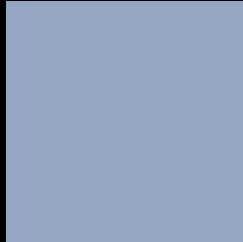
Large Text (above 18pt) WCAG AA × Fail

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 35.7682, 37.5570, 56.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

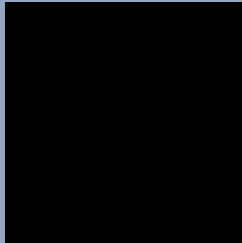
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7682, 37.5570, 56.4030

Background



This preview shows how black text looks on a background with the XYZ color 35.7682, 37.5570, 56.4030.



This preview shows how white text looks on a background with the XYZ color 35.7682, 37.5570,

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

35.7682, 37.5570, 56.4030

Protanopia

36.9097, 37.3711, 55.1372

Deuteranopia

38.3211, 37.5369, 56.8554



Tritanopia

34.4788, 37.5857, 49.6935

Trichromacy



Original Color

35.7682, 37.5570, 56.4030

Protanomaly

36.4187, 37.3697, 55.7457

Deuteranomaly

37.4447, 37.6081, 56.9153

Tritanomaly

34.8944, 37.4785, 51.8493

Monochromacy



Original Color

35.7682, 37.5570, 56.4030

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4911, 37.3763, 45.9012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7682, 37.5570, 56.4030 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(149, 166, 194)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 194)  
}
```

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(149, 166, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.7682, 37.5570, 56.4030 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(149, 166, 194) }
```


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

```
.border{ border-color:rgb(149, 166, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 194);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7682, 37.5570, 56.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 194) }
```

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

```
.background{ background-color: rgb(149,  
166, 194) }
```

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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