

Converting Colors

XYZ(35.8178, 38.0546, 56.6396)

Have a look what the booklet for
XYZ(35.8178, 38.0546, 56.6396)
contains.

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Color

**XYZ(35.7729, 38.1033,
56.5082)**

Conversions

Conversions Part 1

Format	Color
Hex	93A8C2
RGB	147, 168, 194
RGB Percent	58%, 66%, 76%
CMY	0.4235, 0.3412, 0.2392
CMYK	0.24, 0.13, 0.00, 0.24
HSL	213°, 28%, 67%
HSV	213°, 24%, 76%
XYZ	35.7729, 38.1033, 56.5082
YIQ	164.6850, -20.8620, 3.6340

Conversions

Conversions Part 2

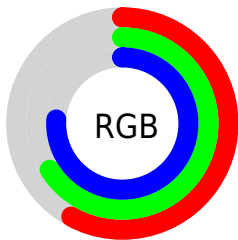
Format	Color
RYB	147, 162, 194
Decimal	9676994
CIELab	68.10, -1.48, -15.73
CIELCh	68, 15.800, 264.608
Yxy	38.1033, 0.2744, 0.2922
Android (android.graphics.Color)	4287867074 (0xFF93A8C2)
YUV	164.6850, 14.4523, -15.5097
Hunter-Lab	61.7279, -4.5784, -11.0670

Details

The XYZ color **35.7729, 38.1033, 56.5082** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4588, 43.4636, 33.7564**, and the grayscale version is **35.5545, 37.4061, 40.7352**.

A 20% lighter version of the original color is **68.1574, 72.2969, 101.6292**, and **15.6983, 16.8171, 27.2296** is the 20% darker color. If you saturate the color by 10%, you get **30.6832, 32.6595, 55.7263**, and if you desaturate by 10%, it is **41.6152, 44.1796, 57.3738**.

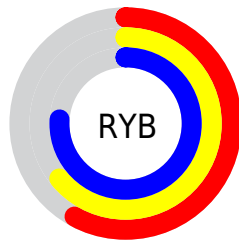
Distribution



Red (58%)

Green (66%)

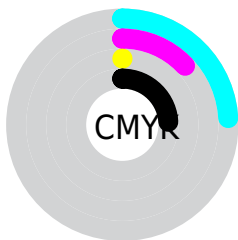
Blue (76%)



Red (58%)

Yellow (64%)

Blue (76%)

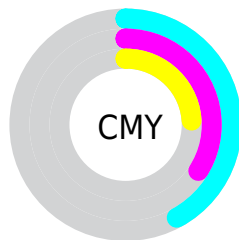


Cyan (24%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7729, 38.1033, 56.5082 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 35.7729, 38.1033, 56.5082 by changing the saturation by 10% instead.

■ 35.7729, 38.1033,
56.5082

■ 35.7729, 38.1033,
56.5082

319.4154,
338.0629, 429.0459

■ 24.4281, 26.0629,
40.2038

■ 68.0076, 72.2664,
101.2404

■ 15.7780, 16.8707,
27.3825

■ 89.6282, 95.1579,
130.5053

■ 9.4570, 10.1423,
17.6257

115.4048,
122.4353, 164.9275

■ 5.1000, 5.4934,
10.5150

145.7028,
154.4828, 204.9254

■ 2.3414, 2.5396,
5.6317

180.8875,
191.6849, 250.9177

■ 0.8157, 0.8964,
2.5573

221.3243,

■ 0.0000, 0.0000,

234.4261, 303.3228

0.8703

267.3785,
283.0906, 362.5594

■ 0.0000, 0.0000,
0.0000

■ 35.7729, 38.1033,
56.5082

■ 35.7729, 38.1033,
56.5082

■ 30.6832, 32.6595,
55.7263

■ 41.6152, 44.1796,
57.3738

■ 26.3091, 27.8207,
55.0229

■ 48.2376, 50.9056,
58.3230

■ 22.6159, 23.5637,
54.3959

■ 55.6707, 58.3033,
59.3591

■ 19.5640, 19.8618,
53.8422

■ 63.9422, 66.3923,
60.4845

■ 17.1096, 16.6860,
53.3585

■ 73.0784, 75.1913,
61.7013

■ 15.2025, 14.0034,
52.9413

■ 79.9449, 83.0894,
62.8639

■ 13.7825, 11.7757,
52.5861

■ 83.0654, 89.3303,
63.9041

■ 13.1206, 10.6608,
52.4058

■ 86.3736, 95.9468,
65.0068

■ 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.



33.5420, 38.1033, 53.5555



35.7729, 38.1033, 56.5082



38.2240, 38.1033, 55.0805

Triad

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



35.7729, 38.1033, 56.5082



40.6944, 38.1033, 36.0928



32.4911, 38.1033, 34.1185

Complementary

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



35.7729, 38.1033, 56.5082



42.4588, 43.4636, 33.7564

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.



34.2796, 38.1033, 30.3387



35.7729, 38.1033, 56.5082



39.0285, 38.1033, 31.3848

Square

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



35.7729, 38.1033, 56.5082



41.1382, 38.1033, 42.7755



36.6628, 38.1033, 29.3974



31.7030, 38.1033, 40.2267

Rectangle

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



35.7729, 38.1033, 56.5082



39.6445, 38.1033, 51.9118



36.6628, 38.1033, 29.3974



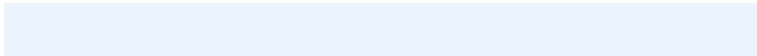
32.9912, 38.1033, 32.5623

Sweetspot

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



35.7741, 38.1048, 56.5091



83.7833, 88.5880, 105.1531



38.8537, 47.7988, 46.6383



18.1820, 19.2322, 23.0038



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.



35.7741, 38.1048, 56.5091



59.8195, 63.7323, 101.6185



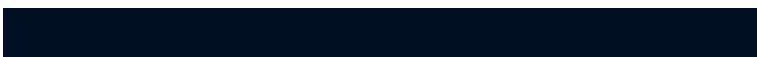
32.6308, 31.1862, 55.3393



9.8905, 10.4724, 12.7849



8.7056, 7.1677, 34.4813



0.4448, 0.4470, 1.5127

Inverse Universe

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



39.7508, 35.1651, 41.7398



68.3539, 57.8669, 69.8226



46.2087, 51.8517, 35.1778



10.2560, 10.1510, 11.4389



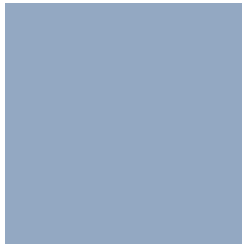
15.7902, 8.0058, 6.8070



0.7169, 0.3598, 0.4766

Previews

White Background



This preview shows how the XYZ color 35.7729, 38.1033, 56.5082 looks on a white background.

Color Contrast Check

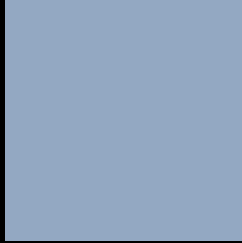
Large Text (above 18pt) WCAG AA × Fail

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 35.7729, 38.1033, 56.5082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

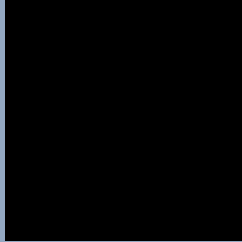
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7729, 38.1033, 56.5082

Background



This preview shows how black text looks on a background with the XYZ color 35.7729, 38.1033, 56.5082.



This preview shows how white text looks on a background with the XYZ color 35.7729, 38.1033,

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

35.7729, 38.1033, 56.5082

Protanopia

37.4878, 37.9338, 55.2153

Deuteranopia

38.7070, 37.9963, 56.9237



Tritanopia

34.5990, 38.1881, 50.3472

Trichromacy



Original Color

35.7729, 38.1033, 56.5082

Protanomaly

36.7911, 37.8284, 55.8146

Deuteranomaly

37.6230, 37.9646, 56.9747

Tritanomaly

35.0117, 38.0748, 52.5176

Monochromacy



Original Color

35.7729, 38.1033, 56.5082

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5732, 37.6761, 46.4716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7729, 38.1033, 56.5082 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(147, 168, 194)` looks like.

```
.text, #text, p{  
    color:rgb(147, 168, 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(147, 168, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 168, 194) }
```

Border

The CSS property to change the border of an element to XYZ 35.7729, 38.1033, 56.5082 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(147, 168, 194) }
```


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

```
.border{ border-color:rgb(147, 168, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 168, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 168, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 168, 194);  
box-shadow:4px 4px 4px 4px rgb(147, 168,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7729, 38.1033, 56.5082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 168, 194) }
```

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

```
.background{ background-color: rgb(147,  
168, 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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