

Converting Colors

XYZ(35.8853, 35.3361, 66.3151)

Have a look what the booklet for
XYZ(35.8853, 35.3361, 66.3151)
contains.

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Color

**XYZ(35.8388, 35.2679,
66.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	929ED3
RGB	146, 158, 211
RGB Percent	57%, 62%, 83%
CMY	0.4274, 0.3804, 0.1725
CMYK	0.31, 0.25, 0.00, 0.17
HSL	229°, 42%, 70%
HSV	229°, 31%, 83%
XYZ	35.8388, 35.2679, 66.5465
YIQ	160.4540, -24.1650, 13.9390

Conversions

Conversions Part 2

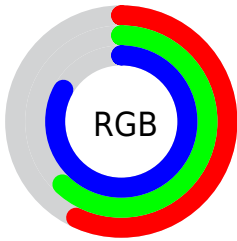
Format	Color
R_YB	146, 156, 211
Decimal	9608915
CIE Lab	65.96, 7.96, -28.42
CIE LCh	66, 29.516, 285.647
Yxy	35.2679, 0.2604, 0.2562
Android (android.graphics.Color)	4287798995 (0xFF929ED3)
YUV	160.4540, 24.9192, -12.6762
Hunter-Lab	59.3868, 3.7945, -24.8673

Details

The XYZ color **35.8388, 35.2679, 66.5465** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.4763, 56.7715, 35.3875**, and the grayscale version is **33.5206, 35.2663, 38.4050**.

A 20% lighter version of the original color is **65.6809, 66.7245, 104.0251**, and **15.7726, 15.2428, 33.5633** is the 20% darker color. If you saturate the color by 10%, you get **29.6965, 28.0463, 65.4769**, and if you desaturate by 10%, it is **43.0865, 43.6708, 67.7870**.

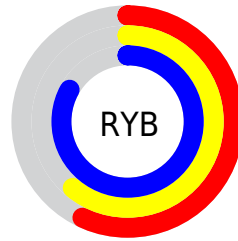
Distribution



Red (57%)

Green (62%)

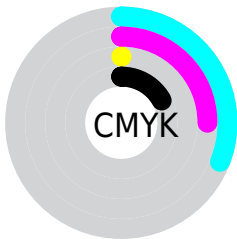
Blue (83%)



Red (57%)

Yellow (61%)

Blue (83%)

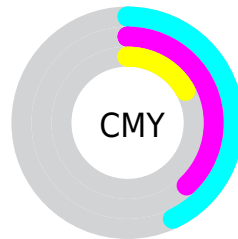


Cyan (31%)

Magenta (25%)

Yellow (0%)

Black (17%)



Cyan (43%)

Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8388, 35.2679, 66.5465 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 35.8388, 35.2679, 66.5465 by changing the saturation by 10% instead.

■ 35.8388, 35.2679,
66.5465

■ 35.8388, 35.2679,
66.5465

319.6990,
325.7492, 466.7863

■ 24.4793, 23.8693,
48.2569

■ 68.1087, 67.9006,
115.9048

■ 15.8162, 15.2367,
33.6689

■ 89.7497, 89.9035,
147.8106

■ 9.4842, 8.9857,
22.3641

115.5487,
116.2099, 185.0922

■ 5.1179, 4.7318,
13.9238

145.8708,
147.2043, 228.1682

■ 2.3521, 2.0908,
7.9295

181.0816,
183.2710, 277.4570

■ 0.8211, 0.6594,
3.9628

221.5463,

■ 0.0000, 0.0000,

224.7945, 333.3773

1.6049

267.6303,
272.1591, 396.3475

■ 0.0000, 0.0000,
0.2943

■ 0.0000, 0.0000,
0.0000

■ 35.8388, 35.2679,
66.5465

■ 35.8388, 35.2679,
66.5465

■ 29.6965, 28.0463,
65.4769

■ 43.0865, 43.6708,
67.7870

■ 24.6009, 21.9483,
64.5685

■ 51.4874, 53.3009,
69.2031

■ 20.4934, 16.9173,
63.8139

■ 61.0904, 64.2069,
70.8020

■ 17.3076, 12.8902,
63.2045

■ 71.9408, 76.4333,
72.5901

■ 14.9689, 9.7967,
62.7306

■ 84.0816, 90.0227,
74.5732

■ 13.3901, 7.5569,
62.3815

■ 88.7580, 97.4832,
75.7667

■ 12.4821, 6.1514,
62.1581

Harmonies

Analogous

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



31.4810, 35.2679, 66.7497



35.8388, 35.2679, 66.5465



39.8954, 35.2679, 57.7994

Triad

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



35.8388, 35.2679, 66.5465



39.7448, 35.2679, 23.6359



26.0220, 35.2679, 32.7390

Complementary

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



35.8388, 35.2679, 66.5465



52.4763, 56.7715, 35.3875

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.



27.8647, 35.2679, 23.9151



35.8388, 35.2679, 66.5465



35.6474, 35.2679, 19.4873

Square

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



35.8388, 35.2679, 66.5465



42.2806, 35.2679, 32.2691



31.3055, 35.2679, 19.5769



26.0635, 35.2679, 45.2637

Rectangle

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



35.8388, 35.2679, 66.5465



41.7734, 35.2679, 49.2029



31.3055, 35.2679, 19.5769



26.4341, 35.2679, 29.3080

Sweetspot

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



35.8400, 35.2693, 66.5473



81.4232, 84.5406, 106.6342



45.3423, 56.7775, 61.9963



16.9876, 17.5933, 22.7505



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.



35.8400, 35.2693, 66.5473



48.6117, 46.6292, 101.0460



37.6591, 33.3151, 66.0743



11.3377, 11.7658, 14.9171



7.5878, 3.8221, 37.5303



0.4785, 0.3222, 2.1165

Inverse Universe

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



43.3154, 36.8764, 37.1841



61.9667, 49.8447, 48.5111



50.0952, 59.8059, 36.0987



11.8966, 11.8434, 12.7314



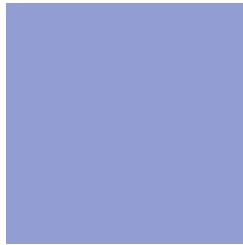
16.4607, 8.4571, 2.0662



0.9478, 0.4838, 0.2597

Previews

White Background



This preview shows how the XYZ color 35.8388, 35.2679, 66.5465 looks on a white background.

Color Contrast Check

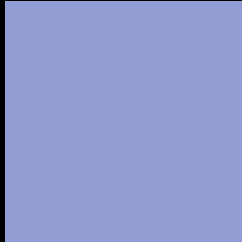
Large Text (above 18pt) WCAG AA × Fail

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 35.8388, 35.2679, 66.5465 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 35.8388, 35.2679, 66.5465

Background



This preview shows how black text looks on a background with the XYZ color 35.8388, 35.2679, 66.5465.



This preview shows how white text looks on a background with the XYZ color 35.8388, 35.2679,

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

35.8388, 35.2679, 66.5465

Protanopia

35.8388, 35.2679, 66.5465

Deuteranopia

36.0276, 35.1130, 66.5066



Tritanopia

31.8587, 35.2142, 46.7129

Trichromacy



Original Color

35.8388, 35.2679, 66.5465

Protanomaly

35.8388, 35.2679, 66.5465

Deuteranomaly

35.8475, 35.0201, 66.4982

Tritanomaly

33.2610, 35.2656, 53.1980

Monochromacy



Original Color

35.8388, 35.2679, 66.5465

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.0524, 35.0195, 47.6125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8388, 35.2679, 66.5465 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(146, 158, 211)` looks like.

```
.text, #text, p{  
    color:rgb(146, 158, 211)  
}
```

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(146, 158, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 158, 211) }
```

Border

The CSS property to change the border of an element to XYZ 35.8388, 35.2679, 66.5465 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(146, 158, 211) }
```


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

```
.border{ border-color:rgb(146, 158, 211) }
```

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

Here you see how a box with a 4 pixel rgb(146, 158, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 158, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 158, 211);  
box-shadow:4px 4px 4px 4px rgb(146, 158,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8388, 35.2679, 66.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 158, 211) }
```

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

```
.background{ background-color: rgb(146,  
158, 211) }
```

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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