

Converting Colors

XYZ(35.3965, 34.4742, 67.4071)

Have a look what the booklet for
XYZ(35.3965, 34.4742, 67.4071)
contains.

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Color

**XYZ(35.5758, 34.6008,
67.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	919CD5
RGB	145, 156, 213
RGB Percent	57%, 61%, 84%
CMY	0.4314, 0.3882, 0.1647
CMYK	0.32, 0.27, 0.00, 0.16
HSL	230°, 45%, 70%
HSV	230°, 32%, 84%
XYZ	35.5758, 34.6008, 67.7544
YIQ	159.2090, -24.8530, 15.3950

Conversions

Conversions Part 2

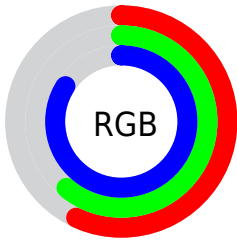
Format	Color
R_{YB}	145, 154, 213
Decimal	9542869
CIE _{Lab}	65.44, 9.32, -30.34
CIE _{LCh}	65, 31.738, 287.071
Yxy	34.6008, 0.2579, 0.2509
Android (android.graphics.Color)	4287732949 (0xFF919CD5)
YUV	159.2090, 26.5190, -12.4613
Hunter-Lab	58.8224, 5.0175, -27.1172

Details

The XYZ color **35.5758, 34.6008, 67.7544** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.6727, 58.4323, 35.2391**, and the grayscale version is **32.9418, 34.6574, 37.7419**.

A 20% lighter version of the original color is **64.9160, 65.5925, 103.8469**, and **15.6368, 14.8471, 34.3894** is the 20% darker color. If you saturate the color by 10%, you get **29.3895, 27.2868, 66.6693**, and if you desaturate by 10%, it is **42.9084, 43.1610, 69.0208**.

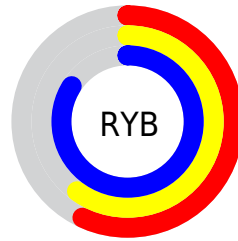
Distribution



Red (57%)

Green (61%)

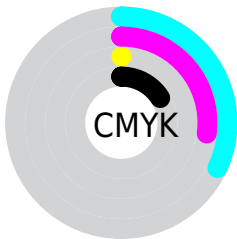
Blue (84%)



Red (57%)

Yellow (60%)

Blue (84%)

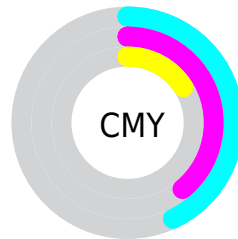


Cyan (32%)

Magenta (27%)

Yellow (0%)

Black (16%)



Cyan (43%)

Magenta (39%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5758, 34.6008, 67.7544 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 35.5758, 34.6008, 67.7544 by changing the saturation by 10% instead.

■ 35.5758, 34.6008,
67.7544

■ 35.5758, 34.6008,
67.7544

318.5663,
322.8028, 471.1998

■ 24.2753, 23.3555,
49.2325

■ 67.7050, 66.8669,
117.6516

■ 15.6638, 14.8562,
34.4371

■ 89.2644, 88.6565,
149.8640

■ 9.3759, 8.7186,
22.9495

114.9742,
114.7296, 187.4770

■ 5.0463, 4.5581,
14.3513

145.1998,
145.4708, 230.9091

■ 2.3095, 1.9904,
8.2238

180.3064,
181.2642, 280.5789

■ 0.7995, 0.6019,
4.1487

220.6594,

■ 0.0000, 0.0000,

222.4945, 336.9050

1.7073

266.6243,
269.5458, 400.3057

■ 0.0000, 0.0000,
0.3657

■ 0.0000, 0.0000,
0.0000

■ 35.5758, 34.6008,
67.7544

■ 35.5758, 34.6008,
67.7544

■ 29.3895, 27.2868,
66.6693

■ 42.9084, 43.1610,
69.0208

■ 24.2876, 21.1564,
65.7549

■ 51.4383, 53.0181,
70.4739

■ 20.2072, 16.1474,
65.0032

■ 61.2172, 64.2247,
72.1215

■ 17.0779, 12.1906,
64.4043

■ 72.2932, 76.8295,
73.9707

■ 14.8196, 9.2082,
63.9477

■ 84.7115, 90.8785,
76.0280

■ 13.3383, 7.1115,
63.6211

■ 89.0104, 97.5841,
77.0957

■ 12.5955, 5.9745,
63.4408

Harmonies

Analogous

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



30.9311, 34.6008, 68.4635



35.5758, 34.6008, 67.7544



39.8606, 34.6008, 57.8916

Triad

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



35.5758, 34.6008, 67.7544



39.3447, 34.6008, 21.8934



24.9362, 34.6008, 32.2422

Complementary

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



35.5758, 34.6008, 67.7544



53.6727, 58.4323, 35.2391

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.



26.7782, 34.6008, 22.8151



35.5758, 34.6008, 67.7544



34.9237, 34.6008, 17.8570

Square

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



35.5758, 34.6008, 67.7544



42.1730, 34.6008, 30.6614



30.3373, 34.6008, 18.1491



25.0752, 34.6008, 45.6827

Rectangle

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



35.5758, 34.6008, 67.7544



41.8060, 34.6008, 48.5301



30.3373, 34.6008, 18.1491



25.3364, 34.6008, 28.5718

Sweetspot

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



35.5770, 34.6021, 67.7552



79.8391, 82.5928, 106.3418



46.0935, 57.8576, 64.4095



16.6648, 17.1907, 22.6898



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.



35.5770, 34.6021, 67.7552



47.2629, 44.6846, 100.7417



38.2143, 33.3445, 67.3734



11.9033, 12.3300, 15.6901



7.7431, 3.7480, 38.7685



0.5186, 0.3292, 2.3555

Inverse Universe

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



43.5678, 36.7985, 36.2604



61.1020, 48.7951, 46.1276



50.2246, 60.6238, 35.8438



12.5044, 12.4532, 13.3303



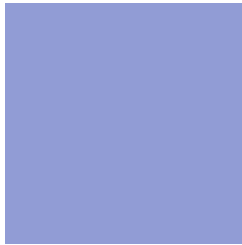
16.9672, 8.7232, 1.8655



1.0494, 0.5366, 0.2496

Previews

White Background



This preview shows how the XYZ color 35.5758, 34.6008, 67.7544 looks on a white background.

Color Contrast Check

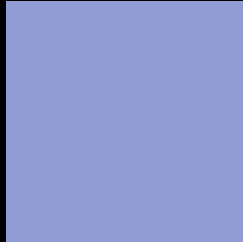
Large Text (above 18pt) WCAG AA × Fail

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 35.5758, 34.6008, 67.7544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

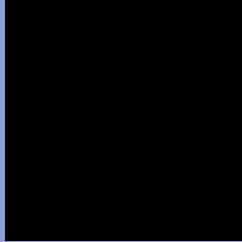
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5758, 34.6008, 67.7544

Background



This preview shows how black text looks on a background with the XYZ color 35.5758, 34.6008, 67.7544.



This preview shows how white text looks on a background with the XYZ color 35.5758, 34.6008,

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

35.5758, 34.6008, 67.7544

Protanopia

35.2225, 34.6688, 67.7861

Deuteranopia

35.4003, 34.5103, 67.7462



Tritanopia

31.2502, 34.6473, 46.1148

Trichromacy



Original Color

35.5758, 34.6008, 67.7544

Protanomaly

35.3949, 34.7577, 67.7942

Deuteranomaly

35.4003, 34.5103, 67.7462

Tritanomaly

32.5713, 34.3912, 53.0656

Monochromacy



Original Color

35.5758, 34.6008, 67.7544

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.6900, 34.5784, 47.5465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5758, 34.6008, 67.7544 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(145, 156, 213)` looks like.

```
.text, #text, p{  
    color:rgb(145, 156, 213)  
}
```

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(145, 156, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 156, 213) }
```

Border

The CSS property to change the border of an element to XYZ 35.5758, 34.6008, 67.7544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

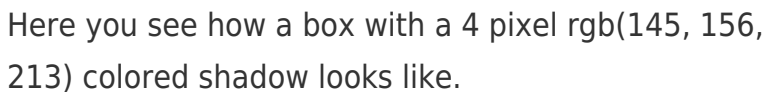
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 156, 213) }
```


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

```
.border{ border-color:rgb(145, 156, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 156, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 156, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 156, 213); box-shadow:4px 4px 4px 4px rgb(145, 156, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5758, 34.6008, 67.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 156, 213) }
```

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

```
.background{ background-color: rgb(145,  
156, 213) }
```

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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