

Converting Colors

XYZ(35.8057, 35.0025, 64.6013)

Have a look what the booklet for
XYZ(35.8057, 35.0025, 64.6013)
contains.

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Color

**XYZ(35.8366, 35.0576,
64.5525)**

Conversions

Conversions Part 1

Format	Color
Hex	959DD0
RGB	149, 157, 208
RGB Percent	58%, 62%, 82%
CMY	0.4157, 0.3843, 0.1843
CMYK	0.28, 0.25, 0.00, 0.18
HSL	232°, 39%, 70%
HSV	232°, 28%, 82%
XYZ	35.8366, 35.0576, 64.5525
YIQ	160.4220, -21.1390, 14.1650

Conversions

Conversions Part 2

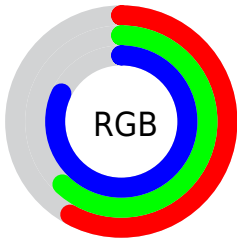
Format	Color
RYB	149, 156, 208
Decimal	9805264
CIELab	65.79, 8.66, -26.99
CIELCh	66, 28.346, 287.783
Yxy	35.0576, 0.2646, 0.2588
Android (android.graphics.Color)	4287995344 (0xFF959DD0)
YUV	160.4220, 23.4560, -10.0171
Hunter-Lab	59.2095, 4.4208, -23.1937

Details

The XYZ color **35.8366, 35.0576, 64.5525** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.0921, 56.8889, 36.6701**, and the grayscale version is **33.5114, 35.2566, 38.3944**.

A 20% lighter version of the original color is **66.2461, 66.6459, 103.9801**, and **15.8336, 15.1494, 32.2266** is the 20% darker color. If you saturate the color by 10%, you get **29.5540, 27.6312, 63.4508**, and if you desaturate by 10%, it is **43.2469, 43.7315, 65.8368**.

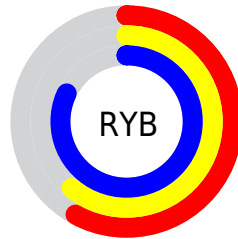
Distribution



Red (58%)

Green (62%)

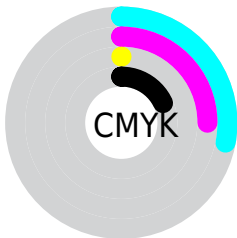
Blue (82%)



Red (58%)

Yellow (61%)

Blue (82%)

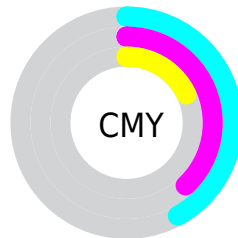


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8366, 35.0576, 64.5525 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 35.8366, 35.0576, 64.5525 by changing the saturation by 10% instead.

■ 35.8366, 35.0576,
64.5525

■ 35.8366, 35.0576,
64.5525

319.6895,
324.8225, 459.4442

■ 24.4775, 23.7072,
46.6493

■ 68.1053, 67.5750,
113.0134

■ 15.8149, 15.1166,
32.4061

■ 89.7457, 89.5108,
144.4081

■ 9.4833, 8.9013,
21.4045

115.5439,
115.7439, 181.1370

■ 5.1173, 4.6768,
13.2259

145.8652,
146.6587, 223.6187

■ 2.3517, 2.0589,
7.4517

181.0751,
182.6396, 272.2718

■ 0.8209, 0.6414,
3.6635

221.5389,

■ 0.0000, 0.0000,

224.0709, 327.5147

1.4426

267.6219,
271.3371, 389.7660

■ 0.0000, 0.0000,
0.1746

■ 0.0000, 0.0000,
0.0000

■ 35.8366, 35.0576,
64.5525

■ 35.8366, 35.0576,
64.5525

■ 29.5540, 27.6312,
63.4508

■ 43.2469, 43.7315,
65.8368

■ 24.3400, 21.3904,
62.5210

■ 51.8331, 53.7023,
67.3088

■ 20.1354, 16.2746,
61.7552

■ 61.6447, 65.0223,
68.9766

■ 16.8740, 12.2159,
61.1437

■ 72.7276, 77.7391,
70.8471

■ 14.4810, 9.1389,
60.6759

■ 85.1250, 91.8983,
72.9267

■ 12.8704, 6.9580,
60.3398

■ 88.3853, 97.3341,
73.8041

■ 11.9217, 5.5637,
60.1207

■ 11.8054, 5.3944,
60.0941

Harmonies

Analogous

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



31.6492, 35.0576, 65.3771



35.8366, 35.0576, 64.5525



39.6350, 35.0576, 55.8214

Triad

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



35.8366, 35.0576, 64.5525



39.0187, 35.0576, 23.5364



26.0672, 35.0576, 33.5051

Complementary

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



35.8366, 35.0576, 64.5525



52.0921, 56.8889, 36.6701

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.



27.7162, 35.0576, 24.7000



35.8366, 35.0576, 64.5525



35.0511, 35.0576, 19.8053

Square

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



35.8366, 35.0576, 64.5525



41.5752, 35.0576, 31.5646



30.9263, 35.0576, 20.1812



26.2390, 35.0576, 45.6420

Rectangle

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



35.8366, 35.0576, 64.5525



41.3292, 35.0576, 47.5534



30.9263, 35.0576, 20.1812



26.4208, 35.0576, 30.1131

Sweetspot

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



35.8378, 35.0590, 64.5533



81.0997, 83.8937, 106.5264



45.2774, 55.6326, 62.4767



16.9086, 17.4353, 22.7241



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.



35.8378, 35.0590, 64.5533



50.5951, 48.2433, 101.2530



38.6357, 34.5573, 64.3090



11.2911, 11.6725, 14.9016



7.3987, 3.4441, 37.4673



0.4568, 0.2788, 2.1093

Inverse Universe

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



42.8467, 37.3403, 36.8489



63.5421, 52.6738, 50.0284



48.5608, 57.8914, 37.0497



11.8731, 11.8340, 12.6075



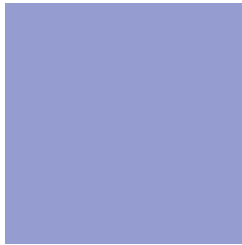
16.3653, 8.4189, 1.5638



0.9368, 0.4794, 0.2020

Previews

White Background



This preview shows how the XYZ color 35.8366, 35.0576, 64.5525 looks on a white background.

Color Contrast Check

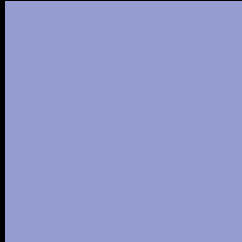
Large Text (above 18pt) WCAG AA × Fail

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 35.8366, 35.0576, 64.5525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

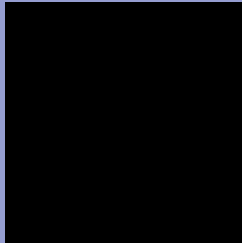
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8366, 35.0576, 64.5525

Background



This preview shows how black text looks on a background with the XYZ color 35.8366, 35.0576, 64.5525.



This preview shows how white text looks on a background with the XYZ color 35.8366, 35.0576,

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

35.8366, 35.0576, 64.5525

Protanopia

35.5895, 35.1682, 65.2340

Deuteranopia

35.8366, 35.0576, 64.5525



Tritanopia

32.0890, 35.0798, 46.1541

Trichromacy



Original Color

35.8366, 35.0576, 64.5525

Protanomaly

35.7681, 35.2602, 65.2423

Deuteranomaly

35.8366, 35.0576, 64.5525

Tritanomaly

33.4990, 35.1403, 52.5941

Monochromacy



Original Color

35.8366, 35.0576, 64.5525

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.0443, 35.0385, 46.5638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8366, 35.0576, 64.5525 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, 157, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 157, 208)  
}
```

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, 157, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 157, 208) }
```

Border

The CSS property to change the border of an element to XYZ 35.8366, 35.0576, 64.5525 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, 157, 208) }
```


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

```
.border{ border-color:rgb(149, 157, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 157, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 157, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 157, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 157,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8366, 35.0576, 64.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 157, 208) }
```

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

```
.background{ background-color: rgb(149,  
157, 208) }
```

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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