

Converting Colors

XYZ(35.3685, 34.2932, 66.0496)

Have a look what the booklet for
XYZ(35.3685, 34.2932, 66.0496)
contains.

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Color

**XYZ(35.3868, 34.2989,
65.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	939BD2
RGB	147, 155, 210
RGB Percent	58%, 61%, 82%
CMY	0.4235, 0.3921, 0.1765
CMYK	0.30, 0.26, 0.00, 0.18
HSL	232°, 41%, 70%
HSV	232°, 30%, 82%
XYZ	35.3868, 34.2989, 65.7280
YIQ	158.8780, -22.4230, 15.4090

Conversions

Conversions Part 2

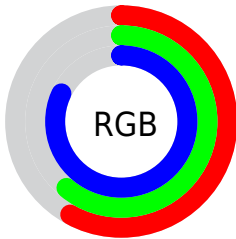
Format	Color
R_{YB}	147, 154, 210
Decimal	9673682
CIE Lab	65.20, 9.70, -29.03
CIE LCh	65, 30.608, 288.479
Yxy	34.2989, 0.2613, 0.2533
Android (android.graphics.Color)	4287863762 (0xFF939BD2)
YUV	158.8780, 25.2031, -10.4170
Hunter-Lab	58.5653, 5.3656, -25.5457

Details

The XYZ color **35.3868, 34.2989, 65.7280** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.9658, 58.0496, 36.0179**, and the grayscale version is **32.7957, 34.5037, 37.5745**.

A 20% lighter version of the original color is **65.2076, 65.3775, 103.7900**, and **15.4828, 14.6469, 33.0214** is the 20% darker color. If you saturate the color by 10%, you get **29.1364, 26.8867, 64.6273**, and if you desaturate by 10%, it is **42.7902, 42.9946, 67.0168**.

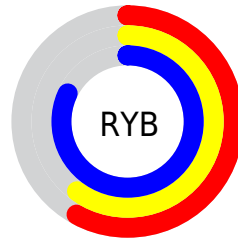
Distribution



Red (58%)

Green (61%)

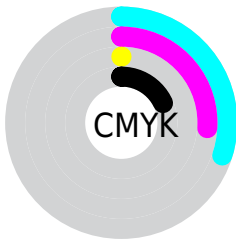
Blue (82%)



Red (58%)

Yellow (60%)

Blue (82%)

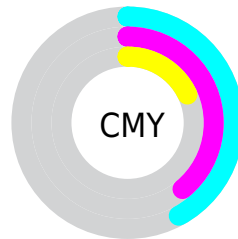


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (39%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3868, 34.2989, 65.7280 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 35.3868, 34.2989, 65.7280 by changing the saturation by 10% instead.

■ 35.3868, 34.2989,
65.7280

■ 35.3868, 34.2989,
65.7280

317.7505,
321.4628, 463.7811

■ 24.1289, 23.1233,
47.5965

■ 67.4146, 66.3982,
114.7191

■ 15.5545, 14.6846,
33.1498

■ 88.9153, 88.0907,
146.4159

■ 9.2983, 8.5983,
21.9692

114.5609,
114.0577, 183.4715

■ 4.9949, 4.4801,
13.6361

144.7168,
144.6835, 226.3045

■ 2.2790, 1.9456,
7.7322

179.7483,
180.3525, 275.3334

■ 0.7839, 0.5756,
3.8388

220.0209,

■ 0.0000, 0.0000,

221.4491, 330.9768

1.5373

265.8999,
268.3577, 393.6532

■ 0.0000, 0.0000,
0.2455

■ 0.0000, 0.0000,
0.0000

■ 35.3868, 34.2989,
65.7280

■ 35.3868, 34.2989,
65.7280

■ 29.1364, 26.8867,
64.6273

■ 42.7902, 42.9946,
67.0168

■ 23.9771, 20.6930,
63.7037

■ 51.3971, 53.0267,
68.4996

■ 19.8469, 15.6532,
62.9487

■ 61.2594, 64.4497,
70.1847

■ 16.6755, 11.6951,
62.3518

■ 72.4248, 77.3143,
72.0793

■ 14.3842, 8.7380,
61.9018

■ 84.9386, 91.6684,
74.1904

■ 12.8808, 6.6897,
61.5857

■ 88.6330, 97.4332,
75.1084

■ 12.0174, 5.4221,
61.3865

■ 12.0174, 5.4220,
61.3865

Harmonies

Analogous

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



30.9215, 34.2989, 66.8560



35.3868, 34.2989, 65.7280



39.4322, 34.2989, 56.0503

Triad

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



35.3868, 34.2989, 65.7280



38.6048, 34.2989, 21.8443



24.9171, 34.2989, 32.6638

Complementary

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



35.3868, 34.2989, 65.7280



52.9658, 58.0496, 36.0179

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.



26.6066, 34.2989, 23.3477



35.3868, 34.2989, 65.7280



34.3384, 34.2989, 18.1189

Square

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



35.3868, 34.2989, 65.7280



41.4034, 34.2989, 30.1075



29.9636, 34.2989, 18.5981



25.1424, 34.2989, 45.6599

Rectangle

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



35.3868, 34.2989, 65.7280



41.2216, 34.2989, 47.0715



29.9636, 34.2989, 18.5981



25.2732, 34.2989, 29.0613

Sweetspot

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



35.3879, 34.3002, 65.7288



81.0431, 83.7806, 106.5076



45.6934, 56.5423, 64.1353



16.8948, 17.4076, 22.7195



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.



35.3879, 34.3002, 65.7288



48.4977, 45.6325, 100.8596



38.6667, 34.0789, 65.5133



11.2830, 11.6562, 14.8988



7.3710, 3.3885, 37.4580



0.4530, 0.2712, 2.1080

Inverse Universe

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



42.9294, 36.9367, 35.8786



62.0967, 50.6150, 46.9814



48.7829, 58.7527, 36.3741



11.8690, 11.8323, 12.5858



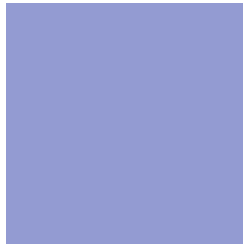
16.3512, 8.4133, 1.4899



0.9349, 0.4787, 0.1919

Previews

White Background



This preview shows how the XYZ color 35.3868, 34.2989, 65.7280 looks on a white background.

Color Contrast Check

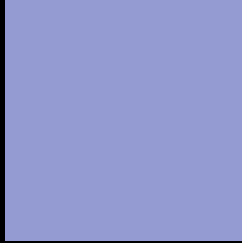
Large Text (above 18pt) WCAG AA × Fail

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 35.3868, 34.2989, 65.7280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

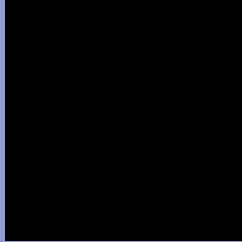
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3868, 34.2989, 65.7280

Background



This preview shows how black text looks on a background with the XYZ color 35.3868, 34.2989, 65.7280.



This preview shows how white text looks on a background with the XYZ color 35.3868, 34.2989,

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

35.3868, 34.2989, 65.7280

Protanopia

34.9740, 34.3197, 66.4091

Deuteranopia

35.1984, 34.4498, 65.7671



Tritanopia

31.4734, 34.5113, 45.5600

Trichromacy



Original Color

35.3868, 34.2989, 65.7280

Protanomaly

35.1479, 34.4094, 66.4172

Deuteranomaly

35.3754, 34.5411, 65.7754

Tritanomaly

32.8029, 34.2668, 52.4622

Monochromacy



Original Color

35.3868, 34.2989, 65.7280

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.7803, 34.6366, 47.0246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3868, 34.2989, 65.7280 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, 155, 210)` looks like.

```
.text, #text, p{  
    color:rgb(147, 155, 210)  
}
```

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, 155, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 155, 210) }
```

Border

The CSS property to change the border of an element to XYZ 35.3868, 34.2989, 65.7280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

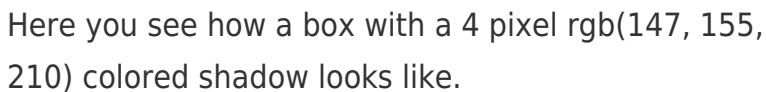
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 155, 210) }
```


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

```
.border{ border-color:rgb(147, 155, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 155, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 155, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 155, 210);  
box-shadow:4px 4px 4px 4px rgb(147, 155,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3868, 34.2989, 65.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 155, 210) }
```

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

```
.background{ background-color: rgb(147,  
155, 210) }
```

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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