

Converting Colors

XYZ(35.7210, 33.8950, 67.0944)

Have a look what the booklet for
XYZ(35.7210, 33.8950, 67.0944)
contains.

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Color

**XYZ(35.6693, 33.9255,
66.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	9599D4
RGB	149, 153, 212
RGB Percent	58%, 60%, 83%
CMY	0.4157, 0.4000, 0.1686
CMYK	0.30, 0.28, 0.00, 0.17
HSL	236°, 42%, 71%
HSV	236°, 30%, 83%
XYZ	35.6693, 33.9255, 66.9557
YIQ	158.5300, -21.3230, 17.5010

Conversions

Conversions Part 2

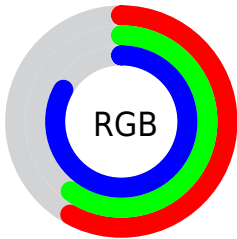
Format	Color
R_{YB}	149, 153, 212
Decimal	9804244
CIE _{Lab}	64.90, 11.93, -30.59
CIE _{LCh}	65, 32.830, 291.310
Yxy	33.9255, 0.2612, 0.2484
Android (android.graphics.Color)	4287994324 (0xFF9599D4)
YUV	158.5300, 26.3607, -8.3578
Hunter-Lab	58.2456, 7.3827, -27.3844

Details

The XYZ color **35.6693, 33.9255, 66.9557** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.1327, 61.2792, 37.3571**, and the grayscale version is **32.6319, 34.3313, 37.3867**.

A 20% lighter version of the original color is **65.2647, 64.6830, 103.6530**, and **15.6610, 14.4239, 33.8569** is the 20% darker color. If you saturate the color by 10%, you get **29.1642, 26.1434, 65.7970**, and if you desaturate by 10%, it is **43.4214, 43.1545, 68.3291**.

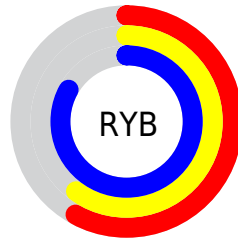
Distribution



Red (58%)

Green (60%)

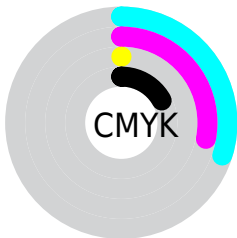
Blue (83%)



Red (58%)

Yellow (60%)

Blue (83%)

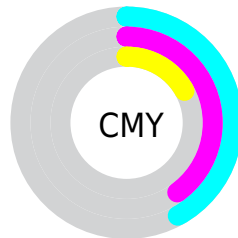


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (40%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6693, 33.9255, 66.9557 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 35.6693, 33.9255, 66.9557 by changing the saturation by 10% instead.

■ 35.6693, 33.9255,
66.9557

■ 35.6693, 33.9255,
66.9557

318.9693,
319.7997, 468.2843

■ 24.3478, 22.8364,
48.5873

■ 67.8485, 65.8178,
116.4970

■ 15.7180, 14.4727,
33.9289

■ 89.4370, 87.3898,
148.5069

■ 9.4144, 8.4502,
22.5621

115.1786,
113.2248, 185.9010

■ 5.0717, 4.3843,
14.0682

145.4385,
143.7073, 229.0980

■ 2.3246, 1.8908,
8.0288

180.5822,
179.2216, 278.5162

■ 0.8072, 0.5428,
4.0254

220.9750,

■ 0.0000, 0.0000,

220.1522, 334.5743

1.6393

266.9822,
266.8835, 397.6908

■ 0.0000, 0.0000,
0.3186

■ 0.0000, 0.0000,
0.0000

■ 35.6693, 33.9255,
66.9557

■ 35.6693, 33.9255,
66.9557

■ 29.1642, 26.1434,
65.7970

■ 43.4214, 43.1545,
68.3291

■ 23.8376, 19.7310,
64.8401

■ 52.4772, 53.8944,
69.9248

■ 19.6200, 14.6102,
64.0739

■ 62.8942, 66.2101,
71.7529

■ 16.4327, 10.6930,
63.4858

■ 74.7254, 80.1618,
73.8223

■ 14.1870, 7.8808,
63.0614

■ 88.0198, 95.8055,
76.1412

■ 12.7789, 6.0591,
62.7840

■ 88.8838, 97.5335,
76.4292

■ 12.0487, 5.0722,
62.6320

■ 12.0337, 5.0533,
62.6291

Harmonies

Analogous

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



30.8886, 33.9255, 69.1858



35.6693, 33.9255, 66.9557



39.8888, 33.9255, 55.7600

Triad

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



35.6693, 33.9255, 66.9557



38.2798, 33.9255, 20.0919



24.0544, 33.9255, 33.1366

Complementary

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



35.6693, 33.9255, 66.9557



55.1327, 61.2792, 37.3571

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.



25.6463, 33.9255, 22.9159



35.6693, 33.9255, 66.9557



33.6409, 33.9255, 16.6897

Square

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



35.6693, 33.9255, 66.9557



41.4956, 33.9255, 28.2482



29.0475, 33.9255, 17.5787



24.4830, 33.9255, 47.2514

Rectangle

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



35.6693, 33.9255, 66.9557



41.6643, 33.9255, 45.9436



29.0475, 33.9255, 17.5787



24.3647, 33.9255, 29.1954

Sweetspot

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



35.6704, 33.9268, 66.9565



80.6277, 82.9497, 106.3691



47.2993, 58.0215, 68.2526



16.7934, 17.2050, 22.6857



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.



35.6704, 33.9268, 66.9565



47.3887, 43.4146, 100.4899



40.6045, 35.5146, 67.0029



11.8053, 12.1340, 15.6574



7.4543, 3.1705, 38.6722



0.4724, 0.2368, 2.3401

Inverse Universe

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



43.6495, 37.7929, 35.1325



61.5369, 50.3911, 44.0338



48.9044, 59.5347, 37.3487



12.4549, 12.4335, 13.0699



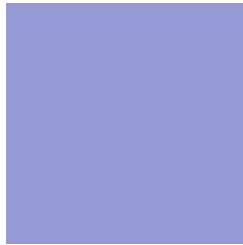
16.8215, 8.6649, 1.0980



1.0261, 0.5272, 0.1267

Previews

White Background



This preview shows how the XYZ color 35.6693, 33.9255, 66.9557 looks on a white background.

Color Contrast Check

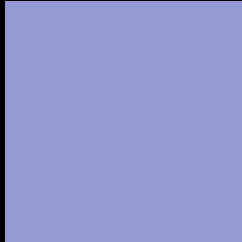
Large Text (above 18pt) WCAG AA × Fail

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 35.6693, 33.9255, 66.9557 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 35.6693, 33.9255, 66.9557

Background



This preview shows how black text looks on a background with the XYZ color 35.6693, 33.9255, 66.9557.



This preview shows how white text looks on a background with the XYZ color 35.6693, 33.9255,

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

35.6693, 33.9255, 66.9557

Protanopia

34.6742, 33.8732, 68.3290

Deuteranopia

34.7603, 33.9469, 67.0077



Tritanopia

31.0981, 33.8215, 44.4243

Trichromacy



Original Color

35.6693, 33.9255, 66.9557

Protanomaly

34.8935, 33.7549, 67.6271

Deuteranomaly

35.1163, 33.8844, 66.9769

Tritanomaly

32.5282, 33.6311, 51.7907

Monochromacy



Original Color

35.6693, 33.9255, 66.9557

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.6104, 34.2969, 46.9680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6693, 33.9255, 66.9557 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, 153, 212)` looks like.

```
.text, #text, p{  
    color:rgb(149, 153, 212)  
}
```

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, 153, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 153, 212) }
```

Border

The CSS property to change the border of an element to XYZ 35.6693, 33.9255, 66.9557 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, 153, 212) }
```


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

```
.border{ border-color:rgb(149, 153, 212) }
```

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

Here you see how a box with a 4 pixel rgb(149, 153, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 153, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 153, 212);  
box-shadow:4px 4px 4px 4px rgb(149, 153,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6693, 33.9255, 66.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 153, 212) }
```

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

```
.background{ background-color: rgb(149,  
153, 212) }
```

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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