

Converting Colors

XYZ(35.4266, 35.1539, 53.3754)

Have a look what the booklet for
XYZ(35.4266, 35.1539, 53.3754)
contains.

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Color

**XYZ(35.4518, 35.1007,
53.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9DBE
RGB	158, 157, 190
RGB Percent	62%, 62%, 75%
CMY	0.3804, 0.3843, 0.2549
CMYK	0.17, 0.17, 0.00, 0.25
HSL	242°, 20%, 68%
HSV	242°, 17%, 75%
XYZ	35.4518, 35.1007, 53.6218
YIQ	161.0610, -9.9970, 10.4750

Conversions

Conversions Part 2

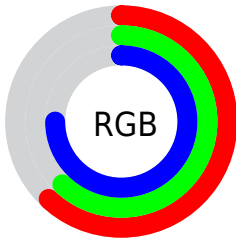
Format	Color
RYB	158, 157, 190
Decimal	10395070
CIELab	65.83, 7.22, -16.86
CIElCh	66, 18.337, 293.170
Yxy	35.1007, 0.2855, 0.2827
Android (android.graphics.Color)	4288585150 (0xFF9E9DBE)
YUV	161.0610, 14.2669, -2.6845
Hunter-Lab	59.2458, 3.1314, -12.1897

Details

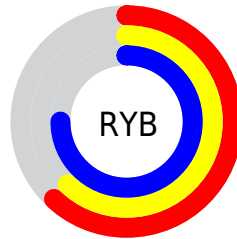
The XYZ color **35.4518, 35.1007, 53.6218** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.4866, 50.0809, 39.1690**, and the grayscale version is **33.8446, 35.6072, 38.7762**.

A 20% lighter version of the original color is **67.6186, 67.8869, 96.7284**, and **15.6132, 15.1784, 25.7737** is the 20% darker color. If you saturate the color by 10%, you get **29.1274, 27.4344, 52.4760**, and if you desaturate by 10%, it is **42.8216, 44.0498, 54.9613**.

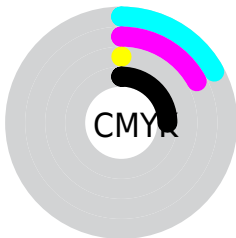
Distribution



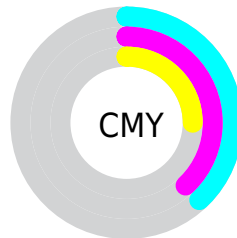
- Red (62%)
- Green (62%)
- Blue (75%)



- Red (62%)
- Yellow (62%)
- Blue (75%)



- Cyan (17%)
- Magenta (17%)
- Yellow (0%)
- Black (25%)



- Cyan (38%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4518, 35.1007, 53.6218 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 35.4518, 35.1007, 53.6218 by changing the saturation by 10% instead.

■ 35.4518, 35.1007,
53.6218

■ 35.4518, 35.1007,
53.6218

318.0313,
325.0126, 417.7999

■ 24.1793, 23.7405,
37.9083

■ 67.5145, 67.6417,
96.9695

■ 15.5921, 15.1412,
25.6102

■ 89.0354, 89.5913,
125.4408

■ 9.3250, 8.9185,
16.3091

114.7031,
115.8395, 159.0017

■ 5.0126, 4.6881,
9.5864

144.8829,
146.7706, 198.0708

■ 2.2895, 2.0654,
5.0236

179.9403,
182.7691, 243.0666

■ 0.7893, 0.6451,
2.2022

220.2406,

■ 0.0000, 0.0000,

224.2193, 294.4077

0.6756

266.1491,
271.5057, 352.5127

■ 0.0000, 0.0000,
0.0000

■ 35.4518, 35.1007,
53.6218

■ 35.4518, 35.1007,
53.6218

■ 29.1274, 27.4344,
52.4760

■ 42.8216, 44.0498,
54.9613

■ 23.7981, 20.9881,
51.5126

■ 51.2778, 54.3320,
56.5003

■ 19.4141, 15.7001,
50.7230

■ 60.8629, 66.0003,
58.2473

■ 15.9203, 11.5018,
50.0968

■ 71.6164, 79.1037,
60.2097

■ 13.2557, 8.3173,
49.6225

■ 83.5759, 93.6884,
62.3945

■ 11.3516, 6.0608,
49.2873

■ 86.2944, 96.4977,
62.7935

■ 10.1285, 4.6327,
49.0761

■ 9.4815, 3.8948,
48.9678

■ 9.3664, 3.7549,
48.9469

Harmonies

Analogous

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



32.7472, 35.1007, 55.0076



35.4518, 35.1007, 53.6218



37.7030, 35.1007, 47.8661

Triad

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



35.4518, 35.1007, 53.6218



36.5796, 35.1007, 27.4881



28.4576, 35.1007, 36.4738

Complementary

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



35.4518, 35.1007, 53.6218



45.4866, 50.0809, 39.1690

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.



29.3680, 35.1007, 29.9634



35.4518, 35.1007, 53.6218



33.9848, 35.1007, 25.2491

Square

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



35.4518, 35.1007, 53.6218



38.3784, 35.1007, 32.6497



31.3563, 35.1007, 26.0899



28.8033, 35.1007, 44.3875

Rectangle

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



35.4518, 35.1007, 53.6218



38.5949, 35.1007, 42.6978



31.3563, 35.1007, 26.0899



28.6251, 35.1007, 34.0643

Sweetspot

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



35.4529, 35.1021, 53.6226



80.9248, 83.8666, 100.2018



41.4944, 47.4757, 55.6925



17.5405, 18.1370, 21.9616



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.4529, 35.1021, 53.6226



59.4693, 57.8171, 96.3046



38.8191, 36.8375, 53.7801



9.0425, 9.2388, 11.9789



6.2401, 2.5029, 32.5471



0.2537, 0.1028, 1.2753

Inverse Universe

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



42.4785, 38.7366, 53.3834



74.6881, 65.6907, 95.7531



41.7228, 48.1406, 38.9928



9.9172, 9.6912, 11.9527



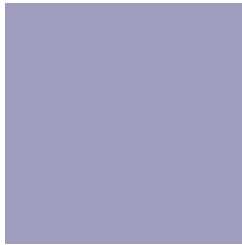
19.8960, 9.5896, 31.0757



0.7833, 0.3772, 1.2381

Previews

White Background



This preview shows how the XYZ color 35.4518, 35.1007, 53.6218 looks on a white background.

Color Contrast Check

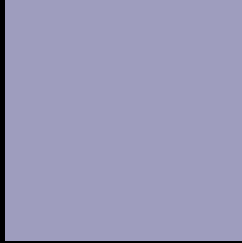
Large Text (above 18pt) WCAG AA × Fail

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 35.4518, 35.1007, 53.6218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

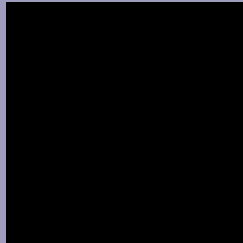
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4518, 35.1007, 53.6218

Background



This preview shows how black text looks on a background with the XYZ color 35.4518, 35.1007, 53.6218.



This preview shows how white text looks on a background with the XYZ color 35.4518, 35.1007,

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

35.4518, 35.1007, 53.6218

Protanopia

34.7677, 34.9876, 54.2110

Deuteranopia

35.8807, 35.0717, 53.5936



Tritanopia

33.6312, 35.1273, 44.5429

Trichromacy



Original Color

35.4518, 35.1007, 53.6218

Protanomaly

35.1484, 35.1839, 54.2289

Deuteranomaly

35.6799, 34.9682, 53.5842

Tritanomaly

34.2451, 35.1189, 47.6215

Monochromacy



Original Color

35.4518, 35.1007, 53.6218

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5144, 35.5938, 44.0809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4518, 35.1007, 53.6218 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(158, 157, 190)` looks like.

```
.text, #text, p{  
    color:rgb(158, 157, 190)  
}
```

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(158, 157, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 157, 190) }
```

Border

The CSS property to change the border of an element to XYZ 35.4518, 35.1007, 53.6218 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(158, 157, 190) }
```


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

```
.border{ border-color:rgb(158, 157, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 157, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 157, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 157, 190);  
box-shadow:4px 4px 4px 4px rgb(158, 157,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4518, 35.1007, 53.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 157, 190) }
```

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

```
.background{ background-color: rgb(158,  
157, 190) }
```

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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