

Converting Colors

XYZ(37.5020, 35.5496, 54.6664)

Have a look what the booklet for
XYZ(37.5020, 35.5496, 54.6664)
contains.

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Color

**XYZ(37.5980, 35.6835,
54.7751)**

Conversions

Conversions Part 1

Format	Color
Hex	A99BC0
RGB	169, 155, 192
RGB Percent	66%, 61%, 75%
CMY	0.3372, 0.3921, 0.2471
CMYK	0.12, 0.19, 0.00, 0.25
HSL	263°, 23%, 68%
HSV	263°, 19%, 75%
XYZ	37.5980, 35.6835, 54.7751
YIQ	163.4040, -3.5330, 14.4750

Conversions

Conversions Part 2

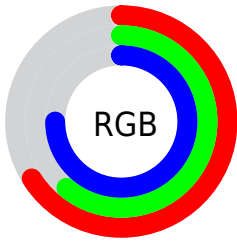
Format	Color
R _Y B	169, 155, 192
Decimal	11115456
CIE Lab	66.28, 12.40, -17.21
CIE LCh	66, 21.206, 305.768
Yxy	35.6835, 0.2936, 0.2787
Android (android.graphics.Color)	4289305536 (0xFFA99BC0)
YUV	163.4040, 14.0978, 4.9077
Hunter-Lab	59.7357, 7.8116, -12.5515

Details

The XYZ color **37.5980, 35.6835, 54.7751** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.1273, 49.5316, 38.2995**, and the grayscale version is **34.9413, 36.7609, 40.0326**.

A 20% lighter version of the original color is **70.4842, 68.2255, 98.2609**, and **16.8739, 15.5175, 26.1506** is the 20% darker color. If you saturate the color by 10%, you get **32.2086, 28.5337, 53.6797**, and if you desaturate by 10%, it is **43.7314, 43.9730, 56.0524**.

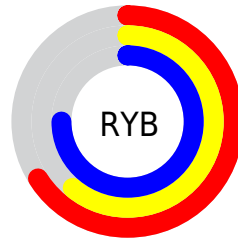
Distribution



Red (66%)

Green (61%)

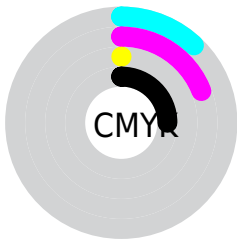
Blue (75%)



Red (66%)

Yellow (61%)

Blue (75%)

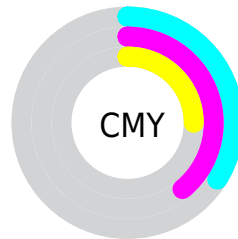


Cyan (12%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (34%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5980, 35.6835, 54.7751 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 37.5980, 35.6835, 54.7751 by changing the saturation by 10% instead.

■ 37.5980, 35.6835,
54.7751

■ 37.5980, 35.6835,
54.7751

327.2031,
327.5751, 422.3167

■ 25.8466, 24.1899,
38.8243

■ 70.7994, 68.5433,
98.6792

■ 16.8410, 15.4745,
26.3163

■ 92.9802, 90.6782,
127.4696

■ 10.2158, 9.1531,
16.8325

119.3682,
117.1290, 161.3769

■ 5.6056, 4.8412,
9.9545

150.3287,
148.2801, 200.8198

■ 2.6452, 2.1544,
5.2636

186.2270,
184.5158, 246.2166

■ 0.9690, 0.6949,
2.3413

227.4287,

■ 0.0000, 0.0000,

226.2207, 297.9860

0.7542

274.2989,
273.7789, 356.5466

■ 0.0000, 0.0000,
0.0000

■ 37.5980, 35.6835,
54.7751

■ 37.5980, 35.6835,
54.7751

■ 32.2086, 28.5337,
53.6797

■ 43.7314, 43.9730,
56.0524

■ 27.5298, 22.4678,
52.7554

■ 50.6339, 53.4454,
57.5170

■ 23.5303, 17.4324,
51.9943

■ 58.3334, 64.1473,
59.1769

■ 20.1750, 13.3673,
51.3865

■ 66.8553, 76.1214,
61.0389

■ 17.4253, 10.2059,
50.9212

■ 76.2240, 89.4082,
63.1098

■ 15.2380, 7.8729,
50.5862

■ 81.4190, 93.9590,
63.7143

■ 13.5630, 6.2802,
50.3670

■ 85.6192, 96.1243,
63.9109

■ 12.3168, 5.2730,
50.2383

■ 86.5145, 96.5858,
63.9528

■ 12.2354, 5.2085,
50.2301

Harmonies

Analogous

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



34.5313, 35.6835, 58.8954



37.5980, 35.6835, 54.7751



39.7721, 35.6835, 46.4523

Triad

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



37.5980, 35.6835, 54.7751



36.4749, 35.6835, 25.0318



28.2159, 35.6835, 40.6310

Complementary

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



37.5980, 35.6835, 54.7751



43.1273, 49.5316, 38.2995

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.



28.6651, 35.6835, 32.1317



37.5980, 35.6835, 54.7751



33.3083, 35.6835, 23.9679

Square

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



37.5980, 35.6835, 54.7751



39.0960, 35.6835, 29.5326



30.4828, 35.6835, 26.3610



29.2152, 35.6835, 49.9537

Rectangle

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



37.5980, 35.6835, 54.7751



40.3525, 35.6835, 40.1532



30.4828, 35.6835, 26.3610



28.2033, 35.6835, 37.5817

Sweetspot

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



37.5991, 35.6850, 54.7759



83.0532, 84.8855, 102.3675



39.0400, 42.7890, 56.0712



17.6457, 17.9755, 21.9249



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.



37.5991, 35.6850, 54.7759



63.9635, 59.1029, 98.3970



41.7466, 37.8231, 54.9700



9.8804, 9.9295, 12.6807



8.3133, 3.5461, 33.8029



0.4359, 0.1928, 1.4641

Inverse Universe

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



41.4966, 37.8650, 47.2425



72.3560, 63.8008, 82.0115



39.2511, 47.5334, 38.1181



10.3305, 10.1808, 11.8309



16.9213, 8.4583, 12.7636



0.7638, 0.3785, 0.7233

Previews

White Background



This preview shows how the XYZ color 37.5980, 35.6835, 54.7751 looks on a white background.

Color Contrast Check

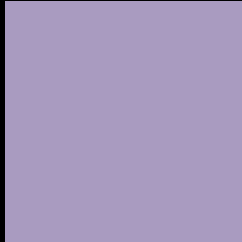
Large Text (above 18pt) WCAG AA × Fail

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 37.5980, 35.6835, 54.7751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

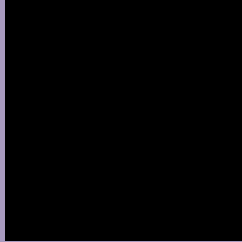
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5980, 35.6835, 54.7751

Background



This preview shows how black text looks on a background with the XYZ color 37.5980, 35.6835, 54.7751.



This preview shows how white text looks on a background with the XYZ color 37.5980, 35.6835,

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

37.5980, 35.6835, 54.7751

Protanopia

35.5580, 35.8540, 56.6762

Deuteranopia

36.4717, 35.6011, 54.8186



Tritanopia

35.4747, 35.8435, 43.5769

Trichromacy



Original Color

37.5980, 35.6835, 54.7751

Protanomaly

36.2625, 35.7197, 56.0223

Deuteranomaly

36.9199, 35.5820, 54.7913

Tritanomaly

36.2999, 35.9239, 47.6686

Monochromacy



Original Color

37.5980, 35.6835, 54.7751

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.7278, 36.1969, 45.1480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5980, 35.6835, 54.7751 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(169, 155, 192)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 192)  
}
```

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(169, 155, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 192) }
```

Border

The CSS property to change the border of an element to XYZ 37.5980, 35.6835, 54.7751 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(169, 155, 192) }
```


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

```
.border{ border-color:rgb(169, 155, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 192);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5980, 35.6835, 54.7751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 192) }
```

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

```
.background{ background-color: rgb(169,  
155, 192) }
```

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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