

Converting Colors

XYZ(35.4594, 31.8780, 53.7573)

Have a look what the booklet for
XYZ(35.4594, 31.8780, 53.7573)
contains.

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Color

**XYZ(35.3749, 31.7313,
53.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	A88FBF
RGB	168, 143, 191
RGB Percent	66%, 56%, 75%
CMY	0.3412, 0.4392, 0.2510
CMYK	0.12, 0.25, 0.00, 0.25
HSL	271°, 27%, 65%
HSV	271°, 25%, 75%
XYZ	35.3749, 31.7313, 53.5505
YIQ	155.9470, -0.5080, 20.2280

Conversions

Conversions Part 2

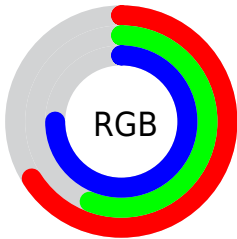
Format	Color
R_{YB}	168, 143, 191
Decimal	11046847
CIE _{Lab}	63.12, 18.62, -21.46
CIE _{LCh}	63, 28.410, 310.956
Yxy	31.7313, 0.2932, 0.2630
Android (android.graphics.Color)	4289236927 (0xFFA88FBF)
YUV	155.9470, 17.2811, 10.5705
Hunter-Lab	56.3305, 13.5174, -16.9325

Details

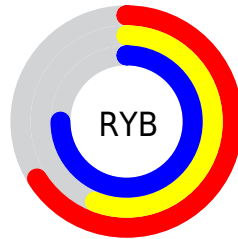
The XYZ color **35.3749, 31.7313, 53.5505** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.3155, 47.3525, 33.0558**, and the grayscale version is **31.5027, 33.1433, 36.0930**.

A 20% lighter version of the original color is **67.4952, 62.4952, 96.5011**, and **15.4999, 13.2797, 25.4132** is the 20% darker color. If you saturate the color by 10%, you get **30.8679, 25.5083, 52.5874**, and if you desaturate by 10%, it is **40.5092, 39.0040, 54.6842**.

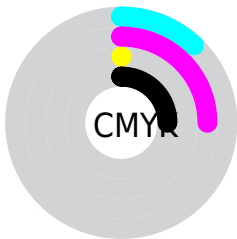
Distribution



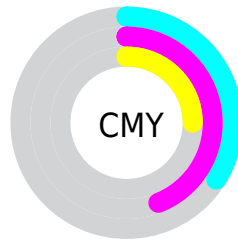
- Red (66%)
- Green (56%)
- Blue (75%)



- Red (66%)
- Yellow (56%)
- Blue (75%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3749, 31.7313, 53.5505 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 35.3749, 31.7313, 53.5505 by changing the saturation by 10% instead.

■ 35.3749, 31.7313,
53.5505

■ 35.3749, 31.7313,
53.5505

317.6991,
309.8934, 417.5197

■ 24.1197, 21.1563,
37.8517

■ 67.3963, 62.3896,
96.8637

■ 15.5476, 13.2383,
25.5667

■ 88.8933, 83.2418,
125.3151

■ 9.2934, 7.5929,
16.2769

114.5348,
108.2884, 158.8545

■ 4.9917, 3.8356,
9.5638

144.6863,
137.9140, 197.9004

■ 2.2771, 1.5820,
5.0089

179.7132,
172.5029, 242.8713

■ 0.7829, 0.3454,
2.1937

219.9807,

■ 0.0000, 0.0000,

212.4395, 294.1858

0.6707

265.8542,
258.1082, 352.2624

■ 0.0000, 0.0000,
0.0000

■ 35.3749, 31.7313,
53.5505

■ 35.3749, 31.7313,
53.5505

■ 30.8679, 25.5083,
52.5874

■ 40.5092, 39.0040,
54.6842

■ 26.9577, 20.2801,
51.7843

■ 46.2936, 47.3698,
55.9940

■ 23.6156, 15.9929,
51.1330

■ 52.7531, 56.8743,
57.4882

■ 20.8088, 12.5857,
50.6232

■ 59.9106, 67.5594,
59.1734

■ 18.5010, 9.9903,
50.2439

■ 67.7879, 79.4650,
61.0562

■ 16.6504, 8.1280,
49.9820

■ 75.5693, 90.9561,
62.8641

■ 15.2066, 6.9028,
49.8216

■ 78.4646, 92.4487,
62.9996

■ 14.6022, 6.4413,
49.7644

■ 81.5146, 94.0210,
63.1423

■ 84.7217, 95.6743,
63.2924

Harmonies

Analogous

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



31.6150, 31.7313, 60.3712



35.3749, 31.7313, 53.5505



37.8602, 31.7313, 42.0828

Triad

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



35.3749, 31.7313, 53.5505



32.6864, 31.7313, 17.8985



23.3485, 31.7313, 38.8172

Complementary

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



35.3749, 31.7313, 53.5505



39.3155, 47.3525, 33.0558

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.



23.5812, 31.7313, 27.9744



35.3749, 31.7313, 53.5505



28.7497, 31.7313, 17.3951

Square

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



35.3749, 31.7313, 53.5505



36.2175, 31.7313, 22.2442



25.4840, 31.7313, 20.6775



24.8180, 31.7313, 50.7188

Rectangle

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



35.3749, 31.7313, 53.5505



38.3410, 31.7313, 34.1910



25.4840, 31.7313, 20.6775



23.2337, 31.7313, 34.9115

Sweetspot

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



35.3759, 31.7326, 53.5512



79.6813, 80.1375, 99.5476



34.4054, 36.9476, 54.6089



17.1456, 17.0877, 21.7799



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.



35.3759, 31.7326, 53.5512



58.9058, 50.6462, 94.9501



40.6253, 34.4489, 53.3385



9.4778, 9.4632, 11.9992



9.6898, 4.2813, 32.7086



0.4547, 0.2064, 1.2847

Inverse Universe

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



38.1922, 33.4757, 40.5260



64.9244, 54.3693, 67.2006



34.9783, 45.1095, 33.1703



9.7154, 9.6105, 10.8904



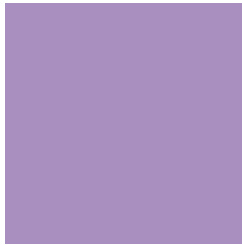
15.4163, 7.7977, 7.4858



0.6369, 0.3187, 0.4674

Previews

White Background



This preview shows how the XYZ color 35.3749, 31.7313, 53.5505 looks on a white background.

Color Contrast Check

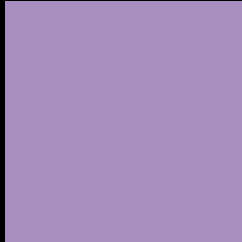
Large Text (above 18pt) WCAG AA × Fail

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 35.3749, 31.7313, 53.5505 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 35.3749, 31.7313, 53.5505

Background



This preview shows how black text looks on a background with the XYZ color 35.3749, 31.7313, 53.5505.



This preview shows how white text looks on a background with the XYZ color 35.3749, 31.7313,

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

35.3749, 31.7313, 53.5505

Protanopia

32.1292, 31.8272, 57.2732

Deuteranopia

32.5950, 31.9200, 53.1584



Tritanopia

32.1969, 31.8195, 37.7025

Trichromacy



Original Color

35.3749, 31.7313, 53.5505

Protanomaly

33.2027, 31.6992, 55.9984

Deuteranomaly

33.4383, 31.6531, 53.0625

Tritanomaly

33.3015, 31.8070, 42.9123

Monochromacy



Original Color

35.3749, 31.7313, 53.5505

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.7252, 32.4714, 42.0789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3749, 31.7313, 53.5505 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(168, 143, 191)` looks like.

```
.text, #text, p{  
    color:rgb(168, 143, 191)  
}
```

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(168, 143, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 143, 191) }
```

Border

The CSS property to change the border of an element to XYZ 35.3749, 31.7313, 53.5505 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(168, 143, 191) }
```


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

```
.border{ border-color:rgb(168, 143, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 143, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 143, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 143, 191);  
box-shadow:4px 4px 4px 4px rgb(168, 143,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3749, 31.7313, 53.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 143, 191) }
```

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

```
.background{ background-color: rgb(168,  
143, 191) }
```

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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