

Converting Colors

XYZ(35.3258, 31.7082, 62.3341)

Have a look what the booklet for
XYZ(35.3258, 31.7082, 62.3341)
contains.

XYZ(35.4119, 31.7737, 62.6590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.4119, 31.7737,
62.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	9F90CE
RGB	159, 144, 206
RGB Percent	62%, 56%, 81%
CMY	0.3765, 0.4353, 0.1922
CMYK	0.23, 0.30, 0.00, 0.19
HSL	255°, 39%, 69%
HSV	255°, 30%, 81%
XYZ	35.4119, 31.7737, 62.6590
YIQ	155.5530, -10.9620, 22.4620

Conversions

Conversions Part 2

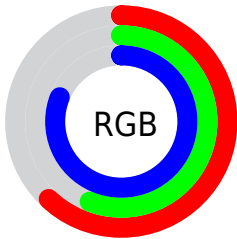
Format	Color
RYB	159, 144, 206
Decimal	10457294
CIELab	63.16, 18.60, -29.88
CIELCh	63, 35.195, 301.895
Yxy	31.7737, 0.2727, 0.2447
Android (android.graphics.Color)	4288647374 (0xFF9F90CE)
YUV	155.5530, 24.8704, 3.0230
Hunter-Lab	56.3682, 13.4939, -26.4492

Details

The XYZ color **35.4119, 31.7737, 62.6590** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.5921, 57.2333, 34.8730**, and the grayscale version is **31.2983, 32.9282, 35.8588**.

A 20% lighter version of the original color is **66.2684, 62.0552, 103.0929**, and **15.5325, 13.3039, 31.0274** is the 20% darker color. If you saturate the color by 10%, you get **29.6684, 24.5966, 61.5769**, and if you desaturate by 10%, it is **42.1181, 40.2936, 63.9506**.

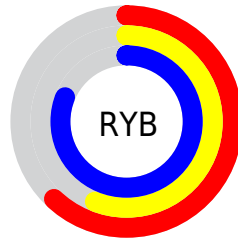
Distribution



Red (62%)

Green (56%)

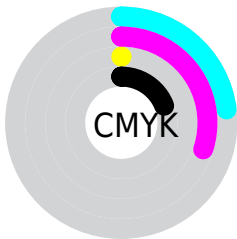
Blue (81%)



Red (62%)

Yellow (56%)

Blue (81%)

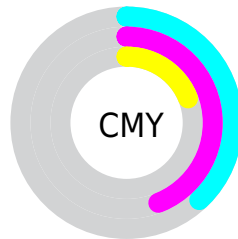


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (19%)



Cyan (38%)

Magenta (44%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4119, 31.7737, 62.6590 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 35.4119, 31.7737, 62.6590 by changing the saturation by 10% instead.

■ 35.4119, 31.7737,
62.6590

■ 35.4119, 31.7737,
62.6590

317.8590,
310.0871, 452.4047

■ 24.1483, 21.1887,
45.1262

■ 67.4532, 62.4562,
110.2582

■ 15.5690, 13.2620,
31.2131

■ 88.9617, 83.3224,
141.1617

■ 9.3086, 7.6092,
20.5014

114.6158,
108.3845, 177.3591

■ 5.0017, 3.8459,
12.5723

144.7809,
138.0269, 219.2691

■ 2.2831, 1.5878,
7.0075

179.8225,
172.6340, 267.3101

■ 0.7860, 0.3493,
3.3883

220.1058,

■ 0.0000, 0.0000,

212.5901, 321.9006

1.2961

265.9961,
258.2797, 383.4593

■ 0.0000, 0.0000,
0.0586

■ 0.0000, 0.0000,
0.0000

■ 35.4119, 31.7737,
62.6590

■ 35.4119, 31.7737,
62.6590

■ 29.6684, 24.5966,
61.5769

■ 42.1181, 40.2936,
63.9506

■ 24.8388, 18.6890,
60.6912

■ 49.8262, 50.2169,
65.4597

■ 20.8749, 13.9763,
59.9905

■ 58.5771, 61.6049,
67.1966

■ 17.7223, 10.3745,
59.4614

■ 68.4083, 74.5145,
69.1702

■ 15.3202, 7.7882,
59.0888

■ 79.3557, 88.9991,
71.3891

■ 13.5982, 6.1051,
58.8547

■ 87.2997, 96.8027,
72.4766

■ 12.4481, 5.1302,
58.7272

■ 88.1407, 97.2363,
72.5160

Harmonies

Analogous

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



30.5100, 31.7737, 68.8341



35.4119, 31.7737, 62.6590



39.2165, 31.7737, 48.7989

Triad

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



35.4119, 31.7737, 62.6590



34.8200, 31.7737, 15.9501



21.7893, 31.7737, 35.4888

Complementary

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



35.4119, 31.7737, 62.6590



48.5921, 57.2333, 34.8730

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.



22.6836, 31.7737, 23.4571



35.4119, 31.7737, 62.6590



29.8920, 31.7737, 14.1479

Square

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



35.4119, 31.7737, 62.6590



38.8498, 31.7737, 22.2937



25.5263, 31.7737, 16.4842



22.9399, 31.7737, 50.7525

Rectangle

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



35.4119, 31.7737, 62.6590



40.4293, 31.7737, 38.5086



25.5263, 31.7737, 16.4842



21.8603, 31.7737, 30.9581

Sweetspot

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



35.4130, 31.7750, 62.6597



82.0472, 83.0697, 106.3175



41.3905, 47.8811, 65.4535



17.1401, 17.2347, 22.6732



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.



35.4130, 31.7750, 62.6597



51.2891, 43.8507, 100.3685



42.2170, 35.2826, 62.9781



10.8517, 10.9729, 14.1164



7.7390, 3.1971, 36.1655



0.4697, 0.2013, 1.8690

Inverse Universe

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



44.8318, 36.8311, 54.0375



69.0509, 53.3967, 83.6016



41.7104, 53.6857, 34.5509



11.5670, 11.3555, 13.5204



19.4169, 9.5773, 20.4459



1.0303, 0.5055, 1.2054

Previews

White Background



This preview shows how the XYZ color 35.4119, 31.7737, 62.6590 looks on a white background.

Color Contrast Check

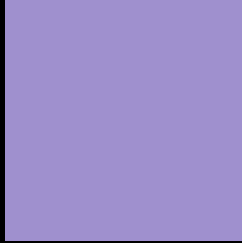
Large Text (above 18pt) WCAG AA × Fail

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 35.4119, 31.7737, 62.6590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

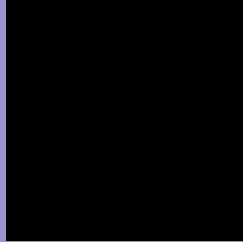
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4119, 31.7737, 62.6590

Background



This preview shows how black text looks on a background with the XYZ color 35.4119, 31.7737, 62.6590.



This preview shows how white text looks on a background with the XYZ color 35.4119, 31.7737,

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

35.4119, 31.7737, 62.6590

Protanopia

32.8162, 31.9873, 66.0726

Deuteranopia

32.7335, 32.0300, 62.2148



Tritanopia

30.6916, 31.7161, 39.6262

Trichromacy



Original Color

35.4119, 31.7737, 62.6590

Protanomaly

33.6001, 31.7126, 64.6718

Deuteranomaly

33.4634, 31.6986, 62.1123

Tritanomaly

32.2106, 31.6196, 47.0533

Monochromacy



Original Color

35.4119, 31.7737, 62.6590

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.7728, 32.6806, 44.6251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4119, 31.7737, 62.6590 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(159, 144, 206)` looks like.

```
.text, #text, p{  
    color:rgb(159, 144, 206)  
}
```

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(159, 144, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 144, 206) }
```

Border

The CSS property to change the border of an element to XYZ 35.4119, 31.7737, 62.6590 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(159, 144, 206) }
```


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

```
.border{ border-color:rgb(159, 144, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 144, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 144, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 144, 206);  
box-shadow:4px 4px 4px 4px rgb(159, 144,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4119, 31.7737, 62.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 144, 206) }
```

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

```
.background{ background-color: rgb(159,  
144, 206) }
```

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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