

Converting Colors

XYZ(31.2936, 35.3699, 33.6591)

Have a look what the booklet for
XYZ(31.2936, 35.3699, 33.6591)
contains.

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Color

**XYZ(31.2744, 35.4698,
33.6318)**

Conversions

Conversions Part 1

Format	Color
Hex	95A595
RGB	149, 165, 149
RGB Percent	58%, 65%, 58%
CMY	0.4157, 0.3529, 0.4157
CMYK	0.10, 0.00, 0.10, 0.35
HSL	120°, 8%, 62%
HSV	120°, 10%, 65%
XYZ	31.2744, 35.4698, 33.6318
YIQ	158.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

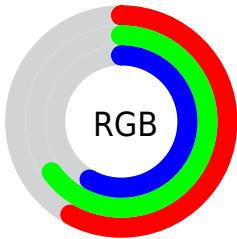
Format	Color
RYB	149, 165, 165
Decimal	9807253
CIELab	66.11, -8.75, 6.38
CIELCh	66, 10.827, 143.901
Yxy	35.4698, 0.3116, 0.3534
Android (android.graphics.Color)	4287997333 (0xFF95A595)
YUV	158.3920, -4.6303, -8.2368
Hunter-Lab	59.5565, -10.4898, 8.2083

Details

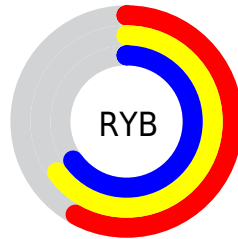
The XYZ color **31.2744, 35.4698, 33.6318** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0573, 32.2117, 40.0742**, and the grayscale version is **32.7001, 34.4030, 37.4649**.

A 20% lighter version of the original color is **61.0013, 68.1947, 66.4477**, and **13.1467, 15.2888, 13.8134** is the 20% darker color. If you saturate the color by 10%, you get **27.2493, 33.5374, 27.0472**, and if you desaturate by 10%, it is **35.9147, 37.6998, 41.2209**.

Distribution



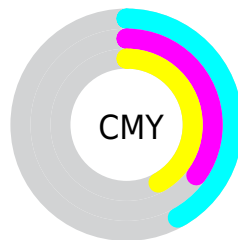
- Red (58%)
- Green (65%)
- Blue (58%)



- Red (58%)
- Yellow (65%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)



- Cyan (42%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2744, 35.4698, 33.6318 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 31.2744, 35.4698, 33.6318 by changing the saturation by 10% instead.

■ 31.2744, 35.4698,
33.6318

■ 31.2744, 35.4698,
33.6318

299.6048,
326.6372, 333.2060

■ 20.9607, 24.0250,
22.3358

■ 61.0447, 68.2129,
66.4880

■ 13.2076, 15.3522,
13.9032

■ 81.2321, 90.2800,
88.8853

■ 7.6496, 9.0669,
7.9154

105.4415,
116.6567, 115.8202

■ 3.9215, 4.7849,
3.9539

134.0381,
147.7273, 147.7110

■ 1.6578, 2.1216,
1.6001

167.3874,
183.8763, 184.9765

■ 0.4296, 0.6767,
0.2909

205.8547,

■ 0.0000, 0.0000,

225.4880, 228.0352

0.0000

249.8054,
272.9468, 277.3055

■ 31.2744, 35.4698,
33.6318

■ 31.2744, 35.4698,
33.6318

■ 27.2493, 33.5374,
27.0472

■ 35.9147, 37.6998,
41.2209

■ 23.8108, 31.8857,
21.4229

■ 41.1913, 40.2345,
49.8518

■ 20.9324, 30.5030,
16.7148

■ 47.1282, 43.0862,
59.5625

■ 18.5844, 29.3752,
12.8743

■ 53.7469, 46.2655,
70.3885

■ 16.7346, 28.4866,
9.8485

■ 61.0682, 49.7824,
82.3637

■ 15.3469, 27.8201,
7.5786

■ 69.1120, 53.6462,
95.5206

■ 14.3807, 27.3559,
5.9982

■ 72.7458, 55.3917,
101.4653

■ 13.7882, 27.0713,
5.0289

■ 13.4648, 26.9160,
4.5000

Harmonies

Analogous

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



32.4749, 35.4698, 31.0730



31.2744, 35.4698, 33.6318



30.7292, 35.4698, 37.6869

Triad

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



31.2744, 35.4698, 33.6318



33.3854, 35.4698, 48.1180



36.6214, 35.4698, 35.1407

Complementary

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



31.2744, 35.4698, 33.6318



33.0573, 32.2117, 40.0742

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.



36.8839, 35.4698, 39.5696



31.2744, 35.4698, 33.6318



34.9821, 35.4698, 47.3009

Square

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



31.2744, 35.4698, 33.6318



31.9228, 35.4698, 46.2315



36.2751, 35.4698, 44.0798



35.5689, 35.4698, 31.8945

Rectangle

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



31.2744, 35.4698, 33.6318



30.7980, 35.4698, 40.7887



36.2751, 35.4698, 44.0798



36.8063, 35.4698, 36.5307

Sweetspot

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



31.2754, 35.4713, 33.6326



61.4035, 66.1145, 69.0540



34.3986, 37.0814, 33.7786



13.2795, 14.3845, 14.8602



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



31.2754, 35.4713, 33.6326



54.0894, 62.6012, 57.0905



31.9365, 35.7358, 37.1139



6.9856, 7.8950, 7.5358



10.1790, 20.3579, 3.3931



0.2139, 0.4278, 0.0713

Inverse Universe

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



33.0573, 32.2117, 40.0742



58.0424, 55.3702, 71.3804



32.3515, 31.9294, 36.3573



7.3643, 7.2022, 8.9051



16.8765, 8.1067, 27.6040



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 31.2744, 35.4698, 33.6318 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 31.2744, 35.4698, 33.6318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

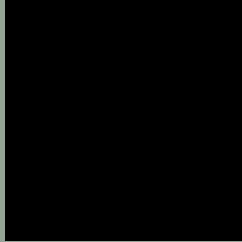
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.2744, 35.4698, 33.6318

Background



This preview shows how black text looks on a background with the XYZ color 31.2744, 35.4698, 33.6318.



This preview shows how white text looks on a background with the XYZ color 31.2744, 35.4698,

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

31.2744, 35.4698, 33.6318

Protanopia

33.6955, 35.4324, 32.2573

Deuteranopia

35.8977, 35.2608, 34.1922



Tritanopia

33.5217, 35.3180, 45.0947

Trichromacy



Original Color

31.2744, 35.4698, 33.6318

Protanomaly

32.6840, 35.4208, 32.7180

Deuteranomaly

34.0516, 35.3231, 33.8775

Tritanomaly

32.6608, 35.2327, 40.6765

Monochromacy



Original Color

31.2744, 35.4698, 33.6318

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.1788, 34.8249, 36.0362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2744, 35.4698, 33.6318 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, 165, 149)` looks like.

```
.text, #text, p{  
    color:rgb(149, 165, 149)  
}
```

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, 165, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 165, 149) }
```

Border

The CSS property to change the border of an element to XYZ 31.2744, 35.4698, 33.6318 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, 165, 149) }
```


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

```
.border{ border-color:rgb(149, 165, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 165, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 165, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 165, 149);  
box-shadow:4px 4px 4px 4px rgb(149, 165,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2744, 35.4698, 33.6318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 165, 149) }
```

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

```
.background{ background-color: rgb(149,  
165, 149) }
```

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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