

Converting Colors

XYZ(33.6554, 35.8806, 38.1458)

Have a look what the booklet for
XYZ(33.6554, 35.8806, 38.1458)
contains.

XYZ(33.4764, 35.7148, 37.9301)	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(33.4764, 35.7148,
37.9301)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA29F
RGB	159, 162, 159
RGB Percent	62%, 64%, 62%
CMY	0.3765, 0.3647, 0.3765
CMYK	0.02, 0.00, 0.02, 0.36
HSL	120°, 2%, 63%
HSV	120°, 2%, 64%
XYZ	33.4764, 35.7148, 37.9301
YIQ	160.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

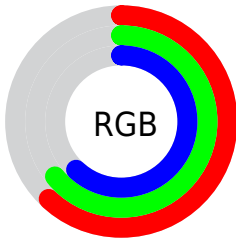
Format	Color
R _Y B	159, 162, 162
Decimal	10461855
CIE Lab	66.30, -1.64, 1.17
CIE LCh	66, 2.019, 144.451
Yxy	35.7148, 0.3125, 0.3334
Android (android.graphics.Color)	4288651935 (0xFF9FA29F)
YUV	160.7610, -0.8682, -1.5444
Hunter-Lab	59.7619, -4.5941, 4.2027

Details

The XYZ color **33.4764, 35.7148, 37.9301** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8213, 35.0872, 39.1742**, and the grayscale version is **33.7704, 35.5291, 38.6912**.

A 20% lighter version of the original color is **64.6820, 68.7769, 73.4845**, and **14.4670, 15.4227, 16.4017** is the 20% darker color. If you saturate the color by 10%, you get **29.1571, 33.6411, 30.8644**, and if you desaturate by 10%, it is **38.4031, 38.0824, 45.9876**.

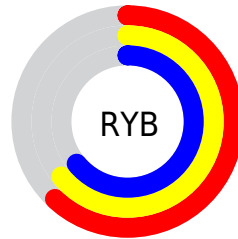
Distribution



Red (62%)

Green (64%)

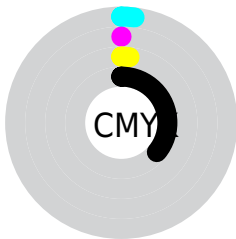
Blue (62%)



Red (62%)

Yellow (64%)

Blue (64%)

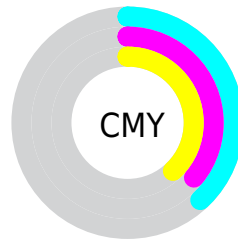


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4764, 35.7148, 37.9301 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 33.4764, 35.7148, 37.9301 by changing the saturation by 10% instead.

■ 33.4764, 35.7148,
37.9301

■ 33.4764, 35.7148,
37.9301

309.4181,
327.7123, 352.6092

■ 22.6526, 24.2140,
25.6270

■ 64.4683, 68.5916,
73.2032

■ 14.4565, 15.4925,
16.3216

■ 85.3672, 90.7365,
97.0104

■ 8.5227, 9.1657,
9.5952

110.3551,
117.1981, 125.4893

■ 4.4858, 4.8494,
5.0293

139.7974,
148.3610, 159.0585

■ 1.9805, 2.1592,
2.2054

174.0595,
184.6094, 198.1365

■ 0.6229, 0.6976,
0.6775

213.5068,

■ 0.0000, 0.0000,

226.3279, 243.1420

0.0000

258.5046,
273.9007, 294.4934

■ 33.4764, 35.7148,
37.9301

■ 33.4764, 35.7148,
37.9301

■ 29.1571, 33.6411,
30.8644

■ 38.4031, 38.0824,
45.9876

■ 25.4188, 31.8454,
24.7498

■ 43.9562, 40.7499,
55.0706

■ 22.2377, 30.3173,
19.5465

■ 50.1578, 43.7288,
65.2141

■ 19.5870, 29.0441,
15.2109

■ 57.0278, 47.0288,
76.4510

■ 17.4380, 28.0118,
11.6958

■ 64.5855, 50.6591,
88.8125

■ 15.7591, 27.2053,
8.9496

■ 72.2110, 54.3221,
101.2870

■ 14.5151, 26.6078,
6.9146

■ 13.6658, 26.1998,
5.5255

■ 13.1639, 25.9587,
4.7044

Harmonies

Analogous

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



33.7065, 35.7148, 37.3956



33.4764, 35.7148, 37.9301



33.3722, 35.7148, 38.7270

Triad

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



33.4764, 35.7148, 37.9301



33.8898, 35.7148, 40.5632



34.4763, 35.7148, 38.2042

Complementary

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



33.4764, 35.7148, 37.9301



33.8213, 35.0872, 39.1742

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.



34.5261, 35.7148, 39.0481



33.4764, 35.7148, 37.9301



34.1863, 35.7148, 40.4183

Square

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



33.4764, 35.7148, 37.9301



33.6099, 35.7148, 40.2537



34.4197, 35.7148, 39.8606



34.2840, 35.7148, 37.5522

Rectangle

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



33.4764, 35.7148, 37.9301



33.3876, 35.7148, 39.3031



34.4197, 35.7148, 39.8606



34.5103, 35.7148, 38.4745

Sweetspot

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



33.4774, 35.7163, 37.9309



61.4766, 65.1754, 70.0085



34.0802, 36.0271, 37.9590



13.8185, 14.6434, 15.7417



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.



33.4774, 35.7163, 37.9309



60.6184, 64.7631, 68.6048



33.6085, 35.7688, 38.6213



7.7396, 8.2572, 8.7691



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.



33.8213, 35.0872, 39.1742



61.3041, 63.5089, 71.0834



33.6886, 35.0341, 38.4753



7.8191, 8.1117, 9.0567



16.8763, 8.1066, 27.6030



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 33.4764, 35.7148, 37.9301 looks on a white background.

Color Contrast Check

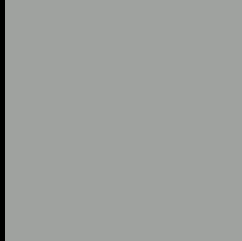
Large Text (above 18pt) WCAG AA × Fail

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 33.4764, 35.7148, 37.9301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

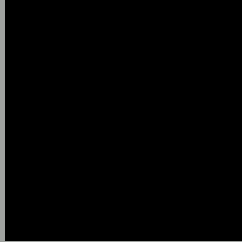
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4764, 35.7148, 37.9301

Background



This preview shows how black text looks on a background with the XYZ color 33.4764, 35.7148, 37.9301.



This preview shows how white text looks on a background with the XYZ color 33.4764, 35.7148,

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

33.4764, 35.7148, 37.9301

Protanopia

34.2594, 35.6096, 37.4154

Deuteranopia

36.3651, 35.6621, 38.2245



Tritanopia

34.8116, 35.7358, 44.5981

Trichromacy



Original Color

33.4764, 35.7148, 37.9301

Protanomaly

34.0207, 35.7449, 37.4541

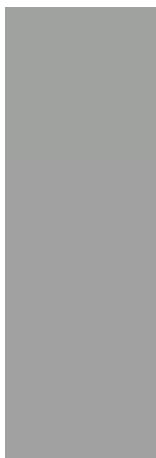
Deuteranomaly

35.1496, 35.5378, 38.2646

Tritanomaly

34.3100, 35.7905, 42.1457

Monochromacy



Original Color

33.4764, 35.7148, 37.9301

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.5872, 35.5014, 38.3399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4764, 35.7148, 37.9301 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, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 159)  
}
```

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, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 159) }
```

Border

The CSS property to change the border of an element to XYZ 33.4764, 35.7148, 37.9301 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, 162, 159) }
```


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

```
.border{ border-color:rgb(159, 162, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 162,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4764, 35.7148, 37.9301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 159) }
```

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

```
.background{ background-color: rgb(159,  
162, 159) }
```

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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