

Converting Colors

XYZ(31.2647, 31.4189, 35.7521)

Have a look what the booklet for
XYZ(31.2647, 31.4189, 35.7521)
contains.

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Color

**XYZ(31.2454, 31.3688,
35.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	A0959C
RGB	160, 149, 156
RGB Percent	63%, 58%, 61%
CMY	0.3725, 0.4157, 0.3882
CMYK	0.00, 0.07, 0.02, 0.37
HSL	322°, 5%, 61%
HSV	322°, 7%, 63%
XYZ	31.2454, 31.3688, 35.8605
YIQ	153.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

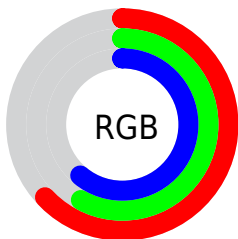
Format	Color
RYB	160, 149, 156
Decimal	10524060
CIELab	62.82, 5.35, -2.22
CIELCh	63, 5.792, 337.412
Yxy	31.3688, 0.3173, 0.3185
Android (android.graphics.Color)	4288714140 (0xFFA0959C)
YUV	153.0870, 1.4361, 6.0627
Hunter-Lab	56.0079, 1.5670, 1.2435

Details

The XYZ color **31.2454, 31.3688, 35.8605** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7162, 33.8319, 35.0499**, and the grayscale version is **30.3095, 31.8880, 34.7260**.

A 20% lighter version of the original color is **61.0131, 61.8121, 69.6880**, and **13.2242, 13.0065, 15.1781** is the 20% darker color. If you saturate the color by 10%, you get **28.4051, 26.4577, 32.5406**, and if you desaturate by 10%, it is **34.4589, 36.9877, 39.4220**.

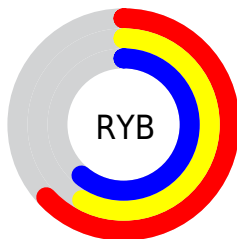
Distribution



Red (63%)

Green (58%)

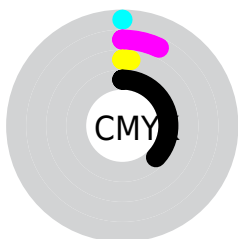
Blue (61%)



Red (63%)

Yellow (58%)

Blue (61%)

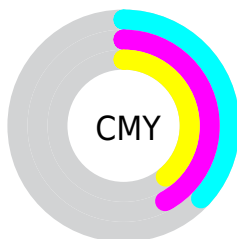


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2454, 31.3688, 35.8605 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 31.2454, 31.3688, 35.8605 by changing the saturation by 10% instead.

■ 31.2454, 31.3688,
35.8605

■ 31.2454, 31.3688,
35.8605

299.4740,
308.2338, 343.3694

■ 20.9385, 20.8798,
24.0376

■ 60.9994, 61.8202,
69.9833

■ 13.1913, 13.0362,
15.1491

■ 81.1773, 82.5515,
93.1203

■ 7.6383, 7.4535,
8.7763

105.3762,
107.4657, 120.8659

■ 3.9142, 3.7473,
4.5007

133.9616,
136.9472, 153.6384

■ 1.6537, 1.5332,
1.9039

167.2987,
171.3803, 191.8564

■ 0.4270, 0.3119,
0.4952

205.7529,

■ 0.0000, 0.0000,

211.1495, 235.9386

0.0000

249.6895,
256.6392, 286.3034

■ 31.2454, 31.3688,
35.8605

■ 31.2454, 31.3688,
35.8605

■ 28.4051, 26.4577,
32.5406

■ 34.4589, 36.9877,
39.4220

■ 25.9209, 22.2218,
29.4540

■ 38.0565, 43.3369,
43.2293

■ 23.7783, 18.6325,
26.5945

■ 42.0520, 50.4431,
47.2888

■ 21.9607, 15.6571,
23.9548

■ 46.4577, 58.3303,
51.6062

■ 20.4502, 13.2601,
21.5274

■ 51.2853, 67.0217,
56.1869

■ 19.2270, 11.4027,
19.3038

■ 56.5461, 76.5392,
61.0362

■ 18.2688, 10.0409,
17.2749

■ 60.3054, 83.0129,
65.5104

■ 17.5500, 9.1239,
15.4301

■ 60.9841, 83.2844,
69.0848

■ 17.0314, 8.5742,
13.7546

■ 61.6889, 83.5663,
72.7962

Harmonies

Analogous

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



30.7512, 31.3688, 37.7431



31.2454, 31.3688, 35.8605



31.3531, 31.3688, 33.5950

Triad

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



31.2454, 31.3688, 35.8605



29.6188, 31.3688, 30.0048



28.6201, 31.3688, 36.8780

Complementary

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



31.2454, 31.3688, 35.8605



30.7162, 33.8319, 35.0499

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.



28.3283, 31.3688, 34.7218



31.2454, 31.3688, 35.8605



28.8982, 31.3688, 30.8023

Square

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



31.2454, 31.3688, 35.8605



30.4047, 31.3688, 30.2795



28.4291, 31.3688, 32.5050



29.2332, 31.3688, 38.3485

Rectangle

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



31.2454, 31.3688, 35.8605



31.1895, 31.3688, 32.1838



28.4291, 31.3688, 32.5050



28.4817, 31.3688, 36.2057

Sweetspot

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



31.2463, 31.3702, 35.8612



59.4679, 61.7267, 68.1834



30.2024, 30.7922, 37.6098



13.0576, 13.5645, 14.9707



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



31.2463, 31.3702, 35.8612



56.0356, 55.7453, 64.3163



30.8033, 31.1929, 33.5282



6.8017, 6.7136, 7.8068



13.1755, 6.5747, 10.4409



0.2553, 0.1254, 0.2903

Inverse Universe

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



31.2463, 31.3702, 35.8612



56.0356, 55.7453, 64.3163



31.1680, 34.0126, 37.4289



6.8017, 6.7136, 7.8068



13.1755, 6.5747, 10.4409



0.2553, 0.1254, 0.2903

Previews

White Background



This preview shows how the XYZ color 31.2454, 31.3688, 35.8605 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 31.2454, 31.3688, 35.8605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

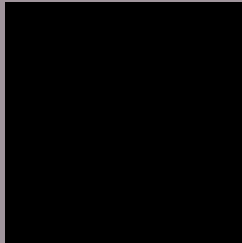
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.2454, 31.3688, 35.8605

Background



This preview shows how black text looks on a background with the XYZ color 31.2454, 31.3688, 35.8605.



This preview shows how white text looks on a background with the XYZ color 31.2454, 31.3688,

35.8605.

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

31.2454, 31.3688, 35.8605

Protanopia

30.2893, 31.3398, 36.3511

Deuteranopia

31.9515, 31.2671, 35.8036



Tritanopia

31.6330, 31.2949, 37.6310

Trichromacy



Original Color

31.2454, 31.3688, 35.8605

Protanomaly

30.7025, 31.3149, 36.3245

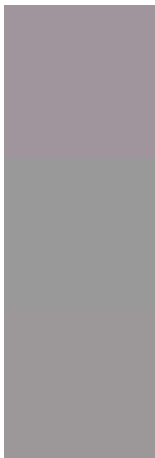
Deuteranomaly

31.6949, 31.3666, 35.8364

Tritanomaly

31.5459, 31.2601, 37.1720

Monochromacy



Original Color

31.2454, 31.3688, 35.8605

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.7713, 31.8575, 35.0991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2454, 31.3688, 35.8605 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(160, 149, 156)` looks like.

```
.text, #text, p{  
    color:rgb(160, 149, 156)  
}
```

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(160, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 149, 156) }
```

Border

The CSS property to change the border of an element to XYZ 31.2454, 31.3688, 35.8605 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(160, 149, 156) }
```


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

```
.border{ border-color:rgb(160, 149, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(160, 149,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2454, 31.3688, 35.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 149, 156) }
```

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

```
.background{ background-color: rgb(160,  
149, 156) }
```

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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