

Converting Colors

XYZ(30.6805, 31.1950, 31.1343)

Have a look what the booklet for
XYZ(30.6805, 31.1950, 31.1343)
contains.

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Color

**XYZ(30.7586, 31.2206,
31.1931)**

Conversions

Conversions Part 1

Format	Color
Hex	A29591
RGB	162, 149, 145
RGB Percent	64%, 58%, 57%
CMY	0.3647, 0.4157, 0.4314
CMYK	0.00, 0.08, 0.10, 0.36
HSL	14°, 8%, 60%
HSV	14°, 10%, 64%
XYZ	30.7586, 31.2206, 31.1931
YIQ	152.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

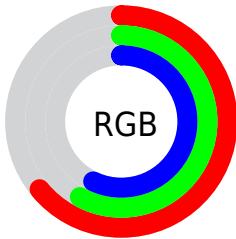
Format	Color
R_{YB}	162, 150, 145
Decimal	10655121
CIE Lab	62.69, 4.08, 3.83
CIE LCh	63, 5.600, 43.200
Yxy	31.2206, 0.3301, 0.3351
Android (android.graphics.Color)	4288845201 (0xFFA29591)
YUV	152.4310, -3.6635, 8.3920
Hunter-Lab	55.8754, 0.4797, 6.0134

Details

The XYZ color **30.7586, 31.2206, 31.1931** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4255, 33.0816, 38.9646**, and the grayscale version is **30.0446, 31.6093, 34.4225**.

A 20% lighter version of the original color is **60.2800, 61.5871, 62.7432**, and **12.8636, 12.8766, 12.6339** is the 20% darker color. If you saturate the color by 10%, you get **27.7412, 27.0442, 24.4575**, and if you desaturate by 10%, it is **34.1643, 35.8879, 38.9377**.

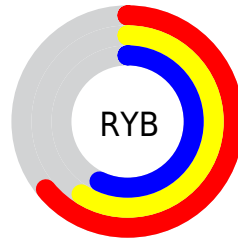
Distribution



Red (64%)

Green (58%)

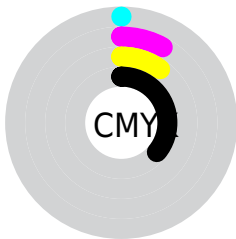
Blue (57%)



Red (64%)

Yellow (59%)

Blue (57%)

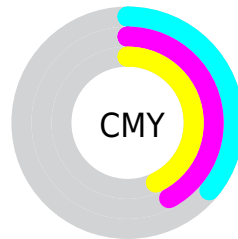


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7586, 31.2206, 31.1931 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 30.7586, 31.2206, 31.1931 by changing the saturation by 10% instead.

■ 30.7586, 31.2206,
31.1931

■ 30.7586, 31.2206,
31.1931

297.2714,
307.5533, 321.8056

■ 20.5660, 20.7669,
20.4862

■ 60.2382, 61.5872,
62.6271

■ 12.9178, 12.9537,
12.5614

■ 80.2560, 82.2689,
84.1913

■ 7.4486, 7.3967,
7.0001

104.2796,
107.1287, 110.2117

■ 3.7930, 3.7114,
3.3837

132.6743,
136.5510, 141.1069

■ 1.5857, 1.5135,
1.2937

165.8054,
170.9203, 177.2953

■ 0.3831, 0.2982,
0.0566

204.0384,

■ 0.0000, 0.0000,

210.6208, 219.1955

0.0000

247.7387,
256.0370, 267.2261

■ 30.7586, 31.2206,
31.1931

■ 30.7586, 31.2206,
31.1931

■ 27.7412, 27.0442,
24.4575

■ 34.1643, 35.8879,
38.9377

■ 25.0955, 23.3385,
18.6873

■ 37.9690, 41.0571,
47.7286

■ 22.8076, 20.0880,
13.8386

■ 42.1862, 46.7442,
57.6036

■ 20.8616, 17.2750,
9.8633

■ 46.8278, 52.9631,
68.5980

■ 19.2402, 14.8803,
6.7087

■ 51.9055, 59.7273,
80.7455

■ 17.9250, 12.8835,
4.3168

■ 57.4304, 67.0496,
94.0783

■ 16.8950, 11.2621,
2.6215

■ 62.8606, 74.7216,
105.7174

■ 16.1267, 9.9914,
1.5456

■ 66.5452, 82.0909,
106.9456

■ 15.5982, 9.0770,
0.9299

■ 68.7105, 86.4215,
107.6673

Harmonies

Analogous

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



31.1283, 31.2206, 33.0417



30.7586, 31.2206, 31.1931



30.1011, 31.2206, 30.1214

Triad

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



30.7586, 31.2206, 31.1931



28.2893, 31.2206, 32.7918



30.0111, 31.2206, 38.2589

Complementary

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



30.7586, 31.2206, 31.1931



30.4255, 33.0816, 38.9646

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.



29.2515, 31.2206, 38.1849



30.7586, 31.2206, 31.1931



28.2662, 31.2206, 34.9642

Square

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



30.7586, 31.2206, 31.1931



28.6794, 31.2206, 31.0169



28.6157, 31.2206, 36.9576



30.6918, 31.2206, 37.1556

Rectangle

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



30.7586, 31.2206, 31.1931



29.5923, 31.2206, 29.9620



28.6157, 31.2206, 36.9576



29.7564, 31.2206, 38.3722

Sweetspot

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



30.7595, 31.2220, 31.1938



60.3697, 62.8940, 66.9059



31.2006, 30.4024, 36.5870



13.4471, 13.9730, 14.7719



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.



30.7595, 31.2220, 31.1938



54.2633, 54.5050, 53.0824



32.1476, 33.9983, 31.6565



7.2029, 7.3442, 7.4180



12.3173, 7.2085, 0.7422



0.2923, 0.2184, 0.0267

Inverse Universe

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



30.4255, 33.0816, 38.9646



53.5115, 58.6876, 70.5636



29.0311, 30.2929, 38.4999



7.1341, 7.7272, 9.0186



10.8361, 13.4515, 28.9551



0.2603, 0.3478, 0.6193

Previews

White Background



This preview shows how the XYZ color 30.7586, 31.2206, 31.1931 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 30.7586, 31.2206, 31.1931 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

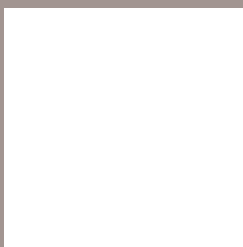
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7586, 31.2206, 31.1931

Background



This preview shows how black text looks on a background with the XYZ color 30.7586, 31.2206, 31.1931.



This preview shows how white text looks on a background with the XYZ color 30.7586, 31.2206, 31.1931.

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

30.7586, 31.2206, 31.1931

Protanopia

29.9652, 31.2765, 31.6518

Deuteranopia

31.9067, 31.3468, 31.1569



Tritanopia

31.9151, 31.2286, 36.6934

Trichromacy



Original Color

30.7586, 31.2206, 31.1931

Protanomaly

30.1952, 31.1571, 31.6166

Deuteranomaly

31.4266, 31.3311, 31.1792

Tritanomaly

31.4439, 31.2662, 34.5147

Monochromacy



Original Color

30.7586, 31.2206, 31.1931

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2017, 31.3711, 32.8972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7586, 31.2206, 31.1931 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(162, 149, 145)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 145)  
}
```

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(162, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.7586, 31.2206, 31.1931 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(162, 149, 145) }
```


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

```
.border{ border-color:rgb(162, 149, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 149, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 149, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 149, 145); box-shadow:4px 4px 4px 4px rgb(162, 149, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7586, 31.2206, 31.1931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 149, 145) }
```

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

```
.background{ background-color: rgb(162,  
149, 145) }
```

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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