

Converting Colors

XYZ(30.3262, 30.6130, 31.5829)

Have a look what the booklet for
XYZ(30.3262, 30.6130, 31.5829)
contains.

| | |
|--|----|
| XYZ(30.3200, 30.5198, 31.4870) | 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(30.3200, 30.5198,
31.4870)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A19392 |
| RGB | 161, 147, 146 |
| RGB Percent | 63%, 58%, 57% |
| CMY | 0.3686, 0.4235, 0.4274 |
| CMYK | 0.00, 0.09, 0.09, 0.37 |
| HSL | 4°, 7%, 60% |
| HSV | 4°, 9%, 63% |
| XYZ | 30.3200, 30.5198, 31.4870 |
| YIQ | 151.0720, 8.6650, 2.6570 |

Conversions

Conversions Part 2

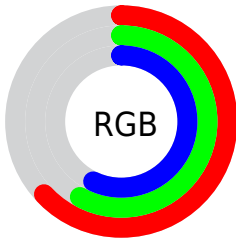
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 161, 147, 146 |
| Decimal | 10589074 |
| CIE _{Lab} | 62.10, 5.00, 2.40 |
| CIE _{LCh} | 62, 5.545, 25.621 |
| Yxy | 30.5198, 0.3284, 0.3306 |
| Android (android.graphics.Color) | 4288779154 (0xFFA19392) |
| YUV | 151.0720, -2.5005, 8.7069 |
| Hunter-Lab | 55.2447, 1.2880, 4.8787 |

Details

The XYZ color **30.3200, 30.5198, 31.4870** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8579, 33.8254, 38.6213**, and the grayscale version is **29.4547, 30.9886, 33.7466**.

A 20% lighter version of the original color is **59.6309, 60.5423, 63.1865**, and **12.6009, 12.4615, 12.8075** is the 20% darker color. If you saturate the color by 10%, you get **26.9693, 25.6833, 24.6202**, and if you desaturate by 10%, it is **34.1539, 36.0398, 39.3859**.

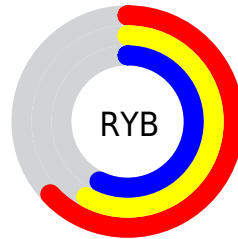
Distribution



Red (63%)

Green (58%)

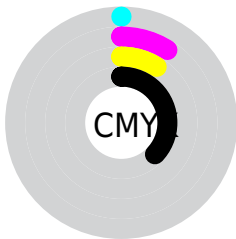
Blue (57%)



Red (63%)

Yellow (58%)

Blue (57%)

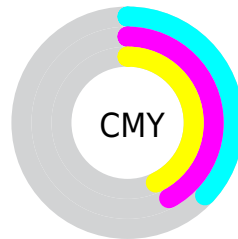


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3200, 30.5198, 31.4870 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 30.3200, 30.5198, 31.4870 by changing the saturation by 10% instead.

■ 30.3200, 30.5198,
31.4870

■ 30.3200, 30.5198,
31.4870

295.2763,
304.3199, 323.1961

■ 20.2309, 20.2335,
20.7084

■ 59.5510, 60.4832,
63.0945

■ 12.6722, 12.5649,
12.7219

■ 79.4237, 80.9291,
84.7605

■ 7.2787, 7.1296,
7.1088

103.2882,
105.5304, 110.8928

■ 3.6849, 3.5433,
3.4508

131.5099,
134.6713, 141.9098

■ 1.5254, 1.4215,
1.3292

164.4542,
168.7363, 178.2300

■ 0.3430, 0.2325,
0.0855

202.4865,

■ 0.0000, 0.0000,

208.1098, 220.2722

0.0000

245.9721,
253.1762, 268.4547

■ 30.3200, 30.5198,
31.4870

■ 30.3200, 30.5198,
31.4870

■ 26.9693, 25.6833,
24.6202

■ 34.1539, 36.0398,
39.3859

■ 24.0803, 21.4999,
18.7409

■ 38.4866, 42.2643,
48.3549

■ 21.6334, 17.9428,
13.8044

■ 43.3358, 49.2182,
58.4326

■ 19.6068, 14.9819,
9.7616

■ 48.7180, 56.9241,
69.6551

■ 17.9768, 12.5845,
6.5589

■ 54.6486, 65.4037,
82.0568

■ 16.7173, 10.7148,
4.1373

■ 61.1425, 74.6777,
95.6707

■ 15.7991, 9.3330,
2.4297

■ 67.6122, 84.5253,
107.3592

■ 15.1886, 8.3936,
1.3582

■ 68.5082, 86.3172,
107.6579

■ 14.8331, 7.8374,
0.7626

Harmonies

Analogous

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



30.4611, 30.5198, 33.5453



30.3200, 30.5198, 31.4870



29.8251, 30.5198, 29.9564

Triad

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



30.3200, 30.5198, 31.4870



27.8411, 30.5198, 30.9662



28.8989, 30.5198, 37.4947

Complementary

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



30.3200, 30.5198, 31.4870



30.8579, 33.8254, 38.6213

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.



28.2062, 30.5198, 36.7357



30.3200, 30.5198, 31.4870



27.6022, 30.5198, 32.9184

Square

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



30.3200, 30.5198, 31.4870



28.3927, 30.5198, 29.6649



27.7347, 30.5198, 35.0380



29.6325, 30.5198, 37.0718

Rectangle

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



30.3200, 30.5198, 31.4870



29.3656, 30.5198, 29.4105



27.7347, 30.5198, 35.0380



28.6536, 30.5198, 37.3685

Sweetspot

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



30.3209, 30.5211, 31.4877



58.4958, 60.7018, 65.0254



31.3225, 30.6734, 37.5279



12.7106, 13.1424, 14.0170



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.



30.3209, 30.5211, 31.4877



53.1019, 52.9306, 53.9274



31.5250, 32.9295, 31.8890



7.1100, 7.1585, 7.3871



11.8443, 6.2625, 0.5845



0.2596, 0.1531, 0.0159

Inverse Universe

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



30.8579, 33.8254, 38.6213



54.2441, 59.9586, 69.1007



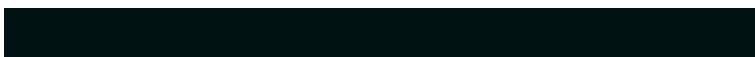
29.5971, 31.3038, 38.2010



7.2354, 7.9298, 9.0523



13.8905, 19.5605, 29.9732



0.3031, 0.4335, 0.6336

Previews

White Background



This preview shows how the XYZ color 30.3200, 30.5198, 31.4870 looks on a white background.

Color Contrast Check

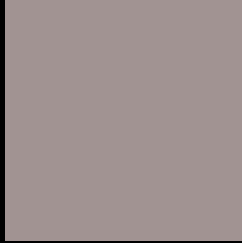
Large Text (above 18pt) WCAG AA × Fail

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 30.3200, 30.5198, 31.4870 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 30.3200, 30.5198, 31.4870

Background



This preview shows how black text looks on a background with the XYZ color 30.3200, 30.5198, 31.4870.



This preview shows how white text looks on a background with the XYZ color 30.3200, 30.5198,

31.4870.

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

30.3200, 30.5198, 31.4870

Protanopia

29.1508, 30.3738, 31.9301

Deuteranopia

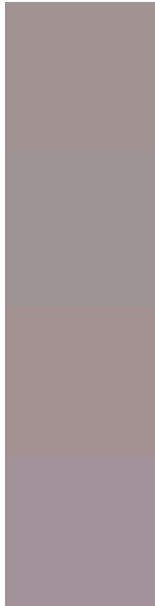
31.0396, 30.4331, 31.4323



Tritanopia

31.1115, 30.3665, 36.1199

Trichromacy



Original Color

30.3200, 30.5198, 31.4870

Protanomaly

29.5667, 30.3543, 31.9044

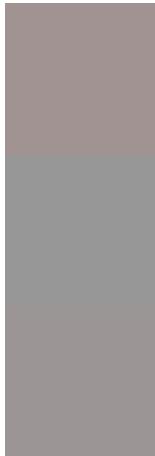
Deuteranomaly

30.7770, 30.5256, 31.4640

Tritanomaly

30.9289, 30.5391, 34.4015

Monochromacy



Original Color

30.3200, 30.5198, 31.4870

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8487, 30.9512, 32.8347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3200, 30.5198, 31.4870 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(161, 147, 146)` looks like.

```
.text, #text, p{  
    color:rgb(161, 147, 146)  
}
```

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(161, 147, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 147, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.3200, 30.5198, 31.4870 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(161, 147, 146) }
```


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

```
.border{ border-color:rgb(161, 147, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 147, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 147, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 147, 146);  
box-shadow:4px 4px 4px 4px rgb(161, 147,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3200, 30.5198, 31.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 147, 146) }
```

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

```
.background{ background-color: rgb(161,  
147, 146) }
```

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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