

Converting Colors

XYZ(30.2842, 33.1431, 31.2195)

Have a look what the booklet for
XYZ(30.2842, 33.1431, 31.2195)
contains.

XYZ(30.2098, 33.1427, 31.1905)	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(30.2098, 33.1427,
31.1905)**

Conversions

Conversions Part 1

Format	Color
Hex	989E90
RGB	152, 158, 144
RGB Percent	60%, 62%, 56%
CMY	0.4039, 0.3804, 0.4353
CMYK	0.04, 0.00, 0.09, 0.38
HSL	86°, 7%, 59%
HSV	86°, 9%, 62%
XYZ	30.2098, 33.1427, 31.1905
YIQ	154.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

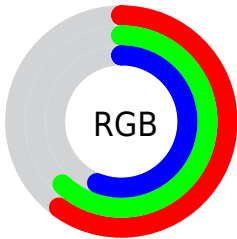
Format	Color
RYB	144, 158, 150
Decimal	10002064
CIELab	64.28, -4.79, 6.57
CIELCh	64, 8.130, 126.134
Yxy	33.1427, 0.3195, 0.3506
Android (android.graphics.Color)	4288192144 (0xFF989E90)
YUV	154.6100, -5.2307, -2.2890
Hunter-Lab	57.5697, -7.0788, 8.1763

Details

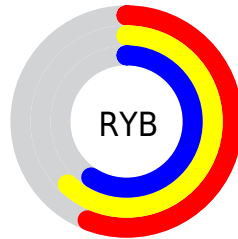
The XYZ color **30.2098, 33.1427, 31.1905** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7237, 28.9000, 36.4138**, and the grayscale version is **31.0063, 32.6210, 35.5243**.

A 20% lighter version of the original color is **59.4409, 64.7875, 62.7985**, and **12.6449, 14.0902, 12.6429** is the 20% darker color. If you saturate the color by 10%, you get **27.8542, 32.0592, 25.2114**, and if you desaturate by 10%, it is **32.8087, 34.3340, 38.0647**.

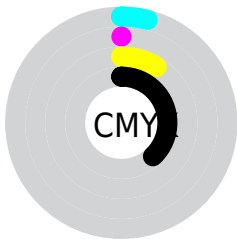
Distribution



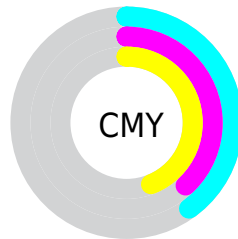
- Red (60%)
- Green (62%)
- Blue (56%)



- Red (56%)
- Yellow (62%)
- Blue (59%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2098, 33.1427, 31.1905 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 30.2098, 33.1427, 31.1905 by changing the saturation by 10% instead.

■ 30.2098, 33.1427,
31.1905

■ 30.2098, 33.1427,
31.1905

294.7735,
316.2923, 321.7933

■ 20.1467, 22.2358,
20.4843

■ 59.3782, 64.5983,
62.6230

■ 12.6106, 14.0303,
12.5600

■ 79.2142, 85.9157,
84.1863

■ 7.2361, 8.1417,
6.9991

103.0386,
111.4721, 110.2057

■ 3.6579, 4.1858,
3.3831

131.2167,
141.6518, 141.0998

■ 1.5104, 1.7780,
1.2934

164.1139,
176.8393, 177.2870

■ 0.3329, 0.4734,
0.0564

202.0955,

■ 0.0000, 0.0000,

217.4190, 219.1860

0.0000

245.5269,
263.7751, 267.2153

■ 30.2098, 33.1427,
31.1905

■ 30.2098, 33.1427,
31.1905

■ 27.8542, 32.0592,
25.2114

■ 32.8087, 34.3340,
38.0647

■ 25.7310, 31.0759,
20.0885

■ 35.6559, 35.6320,
45.8665

■ 23.8324, 30.1904,
15.7830

■ 38.7597, 37.0414,
54.6295

■ 22.1491, 29.3991,
12.2525

■ 42.1271, 38.5649,
64.3849

■ 20.6710, 28.6976,
9.4506

■ 45.7648, 40.2054,
75.1625

■ 19.3871, 28.0814,
7.3262

■ 49.6794, 41.9657,
86.9910

■ 18.2850, 27.5454,
5.8214

■ 53.8772, 43.8484,
99.8976

■ 17.3504, 27.0837,
4.8684

■ 55.7834, 44.8237,
100.3195

■ 16.5557, 26.6851,
4.3298

■ 57.7069, 45.8154,
100.4095

Harmonies

Analogous

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



31.2644, 33.1427, 30.1259



30.2098, 33.1427, 31.1905



29.5138, 33.1427, 33.5745

Triad

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



30.2098, 33.1427, 31.1905



30.6113, 33.1427, 42.2204



33.7609, 33.1427, 35.4114

Complementary

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



30.2098, 33.1427, 31.1905



28.7237, 28.9000, 36.4138

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.



33.5757, 33.1427, 38.7214



30.2098, 33.1427, 31.1905



31.7390, 33.1427, 42.7862

Square

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



30.2098, 33.1427, 31.1905



29.7416, 33.1427, 39.9682



32.8288, 33.1427, 41.4704



33.3288, 33.1427, 32.4651

Rectangle

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



30.2098, 33.1427, 31.1905



29.3372, 33.1427, 35.6597



32.8288, 33.1427, 41.4704



33.7690, 33.1427, 36.5172

Sweetspot

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



30.2107, 33.1441, 31.1912



57.5433, 61.4169, 63.6822



30.0155, 31.0434, 30.7960



12.8897, 13.8082, 14.1361



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.



30.2107, 33.1441, 31.1912



53.8141, 59.7061, 53.9419



28.9683, 32.5037, 31.1331



6.8952, 7.5786, 7.0851



13.2360, 21.3602, 3.4253



0.2845, 0.4066, 0.0635

Inverse Universe

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



28.7237, 28.9000, 36.4138



50.4504, 50.1056, 65.7558



30.0181, 29.5673, 36.4744



6.5409, 6.5673, 8.3296



6.8806, 2.9761, 26.1190



0.1705, 0.0777, 0.4692

Previews

White Background



This preview shows how the XYZ color 30.2098, 33.1427, 31.1905 looks on a white background.

Color Contrast Check

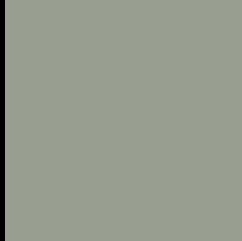
Large Text (above 18pt) WCAG AA × Fail

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 30.2098, 33.1427, 31.1905 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

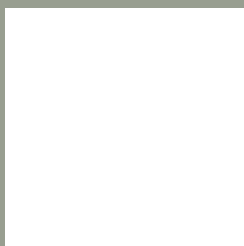
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2098, 33.1427, 31.1905

Background



This preview shows how black text looks on a background with the XYZ color 30.2098, 33.1427, 31.1905.



This preview shows how white text looks on a background with the XYZ color 30.2098, 33.1427,

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

30.2098, 33.1427, 31.1905

Protanopia

31.5041, 33.0771, 30.3153

Deuteranopia

33.5502, 32.8867, 31.7736



Tritanopia

32.2140, 33.2013, 41.2698

Trichromacy



Original Color

30.2098, 33.1427, 31.1905

Protanomaly

30.9469, 33.0292, 30.7308

Deuteranomaly

32.2280, 32.9338, 31.4463

Tritanomaly

31.4729, 33.1502, 37.5407

Monochromacy



Original Color

30.2098, 33.1427, 31.1905

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8008, 32.8813, 34.0015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2098, 33.1427, 31.1905 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(152, 158, 144)` looks like.

```
.text, #text, p{  
    color:rgb(152, 158, 144)  
}
```

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(152, 158, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 158, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.2098, 33.1427, 31.1905 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(152, 158, 144) }
```


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

```
.border{ border-color:rgb(152, 158, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 158, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 158, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 158, 144);  
box-shadow:4px 4px 4px 4px rgb(152, 158,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2098, 33.1427, 31.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 158, 144) }
```

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

```
.background{ background-color: rgb(152,  
158, 144) }
```

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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