

Converting Colors

XYZ(30.6367, 31.7715, 34.1149)

Have a look what the booklet for
XYZ(30.6367, 31.7715, 34.1149)
contains.

XYZ(30.6060, 31.7914, 34.2290)	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(30.6060, 31.7914,
34.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9898
RGB	156, 152, 152
RGB Percent	61%, 60%, 60%
CMY	0.3882, 0.4039, 0.4039
CMYK	0.00, 0.03, 0.03, 0.39
HSL	0°, 2%, 60%
HSV	0°, 3%, 61%
XYZ	30.6060, 31.7914, 34.2290
YIQ	153.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

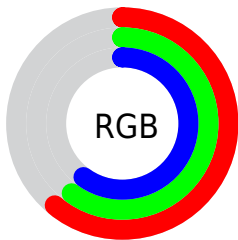
Format	Color
RYB	156, 152, 152
Decimal	10262680
CIELab	63.17, 1.46, 0.51
CIELCh	63, 1.546, 19.262
Yxy	31.7914, 0.3167, 0.3290
Android (android.graphics.Color)	4288452760 (0xFF9C9898)
YUV	153.1960, -0.5896, 2.4591
Hunter-Lab	56.3839, -1.7793, 3.4755

Details

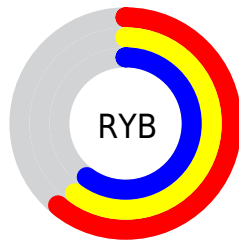
The XYZ color **30.6060, 31.7914, 34.2290** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8380, 32.8520, 36.1685**, and the grayscale version is **30.3661, 31.9475, 34.7908**.

A 20% lighter version of the original color is **59.7902, 62.3005, 67.2664**, and **12.8283, 13.2502, 14.1933** is the 20% darker color. If you saturate the color by 10%, you get **27.0457, 26.5824, 27.1477**, and if you desaturate by 10%, it is **34.6688, 37.7355, 42.3077**.

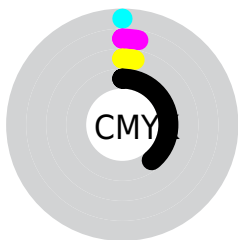
Distribution



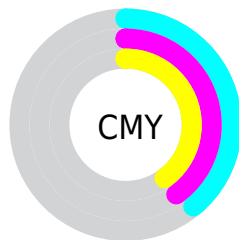
- Red (61%)
- Green (60%)
- Blue (60%)



- Red (61%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6060, 31.7914, 34.2290 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 30.6060, 31.7914, 34.2290 by changing the saturation by 10% instead.

■ 30.6060, 31.7914,
34.2290

■ 30.6060, 31.7914,
34.2290

296.5784,
310.1679, 335.9522

■ 20.4494, 21.2022,
22.7908

■ 59.9993, 62.4839,
67.4276

■ 12.8323, 13.2719,
14.2353

■ 79.9667, 83.3561,
90.0250

■ 7.3893, 7.6160,
8.1439

103.9350,
108.4246, 117.1793

■ 3.7553, 3.8503,
4.0980

132.2696,
138.0740, 149.3090

■ 1.5646, 1.5902,
1.6793

165.3359,
172.6887, 186.8326

■ 0.3692, 0.3509,
0.3465

203.4993,

■ 0.0000, 0.0000,

212.6529, 230.1686

0.0000

247.1250,
258.3512, 279.7357

■ 30.6060, 31.7914,
34.2290

■ 30.6060, 31.7914,
34.2290

■ 27.0457, 26.5824,
27.1477

■ 34.6688, 37.7355,
42.3077

■ 23.9657, 22.0761,
21.0232

■ 39.2497, 44.4373,
51.4182

■ 21.3463, 18.2436,
15.8151

■ 44.3669, 51.9237,
61.5958

■ 19.1655, 15.0525,
11.4793

■ 50.0371, 60.2190,
72.8736

■ 17.3992, 12.4679,
7.9682

■ 56.2761, 69.3463,
85.2831

■ 16.0213, 10.4513,
5.2295

■ 63.0991, 79.3279,
98.8546

■ 15.0024, 8.9601,
3.2051

■ 67.5204, 85.8080,
107.6116

■ 14.3093, 7.9454,
1.8285

■ 13.9023, 7.3494,
1.0210

Harmonies

Analogous

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



30.6219, 31.7914, 34.8350



30.6060, 31.7914, 34.2290



30.4855, 31.7914, 33.7322

Triad

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



30.6060, 31.7914, 34.2290



29.9068, 31.7914, 33.8538



30.1403, 31.7914, 35.7835

Complementary

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



30.6060, 31.7914, 34.2290



30.8380, 32.8520, 36.1685

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.



29.9496, 31.7914, 35.5140



30.6060, 31.7914, 34.2290



29.8152, 31.7914, 34.3968

Square

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



30.6060, 31.7914, 34.2290



30.0815, 31.7914, 33.5173



29.8309, 31.7914, 35.0048



30.3524, 31.7914, 35.7373

Rectangle

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



30.6060, 31.7914, 34.2290



30.3624, 31.7914, 33.5274



29.8309, 31.7914, 35.0048



30.0716, 31.7914, 35.7267

Sweetspot

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



30.6069, 31.7928, 34.2297



56.6693, 59.3227, 64.3159



30.9397, 31.9251, 35.9843



12.4793, 13.0676, 14.1713



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.6069, 31.7928, 34.2297



55.2487, 57.2444, 61.4909



30.9338, 32.4465, 34.3386



7.1061, 7.3384, 7.8590



11.2942, 5.8240, 0.5289



0.2020, 0.1043, 0.0095

Inverse Universe

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



30.8380, 32.8520, 36.1685



55.7480, 59.5328, 65.6795



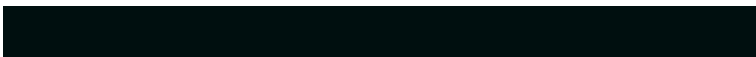
30.5057, 32.1873, 36.0578



7.1841, 7.6960, 8.5135



14.7200, 21.5315, 29.2874



0.2633, 0.3852, 0.5237

Previews

White Background



This preview shows how the XYZ color 30.6060, 31.7914, 34.2290 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 30.6060, 31.7914, 34.2290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

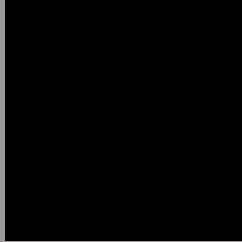
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6060, 31.7914, 34.2290

Background



This preview shows how black text looks on a background with the XYZ color 30.6060, 31.7914, 34.2290.



This preview shows how white text looks on a background with the XYZ color 30.6060, 31.7914,

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

30.6060, 31.7914, 34.2290

Protanopia

30.6060, 31.7914, 34.2290

Deuteranopia

32.2760, 31.6952, 34.5536



Tritanopia

31.5285, 31.6904, 38.6376

Trichromacy



Original Color

30.6060, 31.7914, 34.2290

Protanomaly

30.6060, 31.7914, 34.2290

Deuteranomaly

31.6015, 31.5813, 34.5672

Tritanomaly

31.1428, 31.7699, 36.8386

Monochromacy



Original Color

30.6060, 31.7914, 34.2290

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4674, 31.9524, 34.6986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6060, 31.7914, 34.2290 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(156, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(156, 152, 152)  
}
```

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(156, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 152, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.6060, 31.7914, 34.2290 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(156, 152, 152) }
```


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

```
.border{ border-color:rgb(156, 152, 152) }
```

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

Here you see how a box with a 4 pixel rgb(156, 152, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(156, 152,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6060, 31.7914, 34.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 152, 152) }
```

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

```
.background{ background-color: rgb(156,  
152, 152) }
```

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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