

Converting Colors

XYZ(30.4155, 29.5836, 30.2497)

Have a look what the booklet for
XYZ(30.4155, 29.5836, 30.2497)
contains.

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Color

**XYZ(30.5063, 29.7351,
30.1182)**

Conversions

Conversions Part 1

Format	Color
Hex	A68F8F
RGB	166, 143, 143
RGB Percent	65%, 56%, 56%
CMY	0.3490, 0.4392, 0.4392
CMYK	0.00, 0.14, 0.14, 0.35
HSL	0°, 11%, 61%
HSV	0°, 14%, 65%
XYZ	30.5063, 29.7351, 30.1182
YIQ	149.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

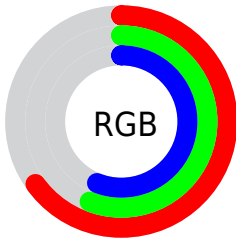
Format	Color
R_{YB}	166, 143, 143
Decimal	10915727
CIE _{Lab}	61.42, 8.61, 3.18
CIE _{LCh}	61, 9.177, 20.267
Yxy	29.7351, 0.3376, 0.3291
Android (android.graphics.Color)	4289105807 (0xFFA68F8F)
YUV	149.8770, -3.3904, 14.1399
Hunter-Lab	54.5299, 4.4330, 5.4236

Details

The XYZ color **30.5063, 29.7351, 30.1182** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.8467, 35.8645, 41.3208**, and the grayscale version is **28.9478, 30.4554, 33.1659**.

A 20% lighter version of the original color is **59.8631, 59.3359, 61.1212**, and **12.8296, 12.1964, 12.0339** is the 20% darker color. If you saturate the color by 10%, you get **27.0308, 24.6496, 23.2078**, and if you desaturate by 10%, it is **34.5383, 35.6350, 38.1329**.

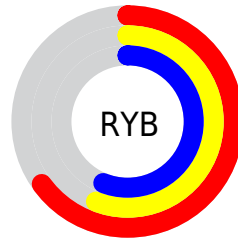
Distribution



Red (65%)

Green (56%)

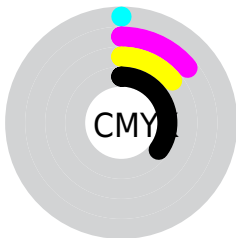
Blue (56%)



Red (65%)

Yellow (56%)

Blue (56%)

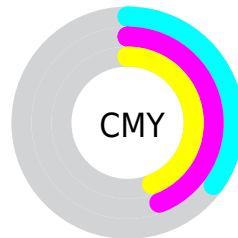


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5063, 29.7351, 30.1182 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 30.5063, 29.7351, 30.1182 by changing the saturation by 10% instead.

■ 30.5063, 29.7351,
30.1182

■ 30.5063, 29.7351,
30.1182

296.1250,
300.6677, 316.6795

■ 20.3732, 19.6376,
19.6755

■ 59.8431, 59.2430,
60.9123

■ 12.7764, 12.1319,
11.9777

■ 79.7775, 79.4222,
82.1007

■ 7.3507, 6.8336,
6.6061

■ 103.7097,
103.7308, 107.7082

■ 3.7307, 3.3582,
3.1423

132.0050,
132.5531, 138.1532

■ 1.5509, 1.3215,
1.1678

165.0288,
166.2735, 173.8543

■ 0.3601, 0.1578,
0.0000

203.1466,

■ 0.0000, 0.0000,

205.2765, 215.2300

0.0000

246.7235,
249.9465, 262.6989

■ 30.5063, 29.7351,
30.1182

■ 30.5063, 29.7351,
30.1182

■ 27.0308, 24.6496,
23.2078

■ 34.5383, 35.6350,
38.1329

■ 24.0850, 20.3391,
17.3515

■ 39.1470, 42.3787,
47.2954

■ 21.6436, 16.7666,
12.4982

■ 44.3548, 49.9990,
57.6490

■ 19.6784, 13.8910,
8.5916

■ 50.1821, 58.5257,
69.2342

■ 18.1583, 11.6666,
5.5699

■ 56.6483, 67.9873,
82.0897

■ 17.0486, 10.0427,
3.3641

■ 63.7720, 78.4110,
96.2525

■ 16.3094, 8.9609,
1.8949

■ 69.5360, 86.8471,
107.7060

■ 15.8929, 8.3513,
1.0672

■ 15.7263, 8.1075,
0.7360

Harmonies

Analogous

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



30.6230, 29.7351, 33.5184



30.5063, 29.7351, 30.1182



29.7789, 29.7351, 27.5083

Triad

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



30.5063, 29.7351, 30.1182



26.5070, 29.7351, 28.2933



27.8700, 29.7351, 39.4133

Complementary

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



30.5063, 29.7351, 30.1182



31.8467, 35.8645, 41.3208

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.



26.7981, 29.7351, 37.7876



30.5063, 29.7351, 30.1182



26.0262, 29.7351, 31.2608

Square

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



30.5063, 29.7351, 30.1182



27.4624, 29.7351, 26.5081



26.1312, 29.7351, 34.7449



29.0776, 29.7351, 39.0527

Rectangle

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



30.5063, 29.7351, 30.1182



29.0568, 29.7351, 26.4894



26.1312, 29.7351, 34.7449



27.4824, 29.7351, 39.0768

Sweetspot

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



30.5071, 29.7364, 30.1188



62.5117, 64.4228, 68.8662



32.4317, 30.5055, 40.2556



13.8614, 14.2300, 15.1574



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.5071, 29.7364, 30.1188



53.0719, 50.6099, 50.0995



32.3225, 33.3672, 30.7240



7.5312, 7.5425, 7.8482



12.1949, 6.2870, 0.5708



0.2967, 0.1530, 0.0139

Inverse Universe

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



31.8467, 35.8645, 41.3208



56.0388, 64.1828, 74.9102



29.8493, 31.8698, 40.6550



7.7475, 8.5319, 9.6568



15.9085, 23.2773, 31.6300



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 30.5063, 29.7351, 30.1182 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5063, 29.7351, 30.1182 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 × Fail

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

XYZ 30.5063, 29.7351, 30.1182

Background



This preview shows how black text looks on a background with the XYZ color 30.5063, 29.7351, 30.1182.



This preview shows how white text looks on a background with the XYZ color 30.5063, 29.7351,

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

30.5063, 29.7351, 30.1182

Protanopia

28.7271, 29.9305, 31.4572

Deuteranopia

30.2974, 29.6274, 30.1084



Tritanopia

31.3591, 29.8614, 34.2480

Trichromacy



Original Color

30.5063, 29.7351, 30.1182

Protanomaly

29.2943, 29.7702, 30.9903

Deuteranomaly

30.2974, 29.6274, 30.1084

Tritanomaly

31.0342, 29.7314, 32.5368

Monochromacy



Original Color

30.5063, 29.7351, 30.1182

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.4105, 30.0419, 31.8523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5063, 29.7351, 30.1182 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(166, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(166, 143, 143)  
}
```

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(166, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.5063, 29.7351, 30.1182 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(166, 143, 143) }
```


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

```
.border{ border-color:rgb(166, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(166, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5063, 29.7351, 30.1182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 143, 143) }
```

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

```
.background{ background-color: rgb(166,  
143, 143) }
```

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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