

Converting Colors

XYZ(30.4297, 30.2579, 29.6967)

Have a look what the booklet for
XYZ(30.4297, 30.2579, 29.6967)
contains.

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Color

**XYZ(30.3177, 30.0963,
29.8024)**

Conversions

Conversions Part 1

Format	Color
Hex	A4918E
RGB	164, 145, 142
RGB Percent	64%, 57%, 56%
CMY	0.3569, 0.4314, 0.4431
CMYK	0.00, 0.12, 0.13, 0.36
HSL	8°, 11%, 60%
HSV	8°, 13%, 64%
XYZ	30.3177, 30.0963, 29.8024
YIQ	150.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

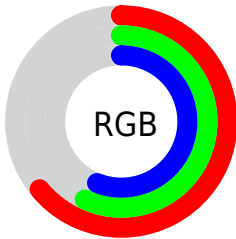
Format	Color
RYB	164, 145, 142
Decimal	10785166
CIELab	61.74, 6.56, 4.17
CIELCh	62, 7.772, 32.486
Yxy	30.0963, 0.3361, 0.3336
Android (android.graphics.Color)	4288975246 (0xFFA4918E)
YUV	150.3390, -4.1111, 11.9807
Hunter-Lab	54.8601, 2.6405, 6.1931

Details

The XYZ color **30.3177, 30.0963, 29.8024** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6008, 33.9201, 40.0566**, and the grayscale version is **29.1474, 30.6653, 33.3945**.

A 20% lighter version of the original color is **59.6006, 59.8924, 60.6437**, and **12.7061, 12.4019, 11.8493** is the 20% darker color. If you saturate the color by 10%, you get **27.1453, 25.5790, 23.1105**, and if you desaturate by 10%, it is **33.9427, 35.2282, 37.5398**.

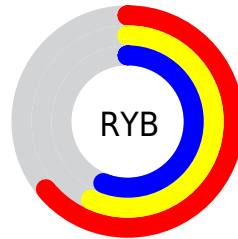
Distribution



Red (64%)

Green (57%)

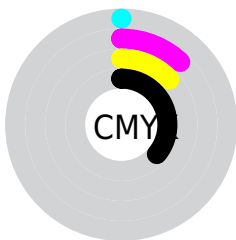
Blue (56%)



Red (64%)

Yellow (57%)

Blue (56%)

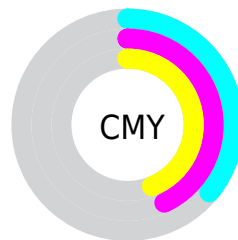


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3177, 30.0963, 29.8024 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 30.3177, 30.0963, 29.8024 by changing the saturation by 10% instead.

■ 30.3177, 30.0963,
29.8024

■ 30.3177, 30.0963,
29.8024

295.2659,
302.3531, 315.1609

■ 20.2291, 19.9117,
19.4379

■ 59.5474, 59.8144,
60.4069

■ 12.6709, 12.3309,
11.8071

■ 79.4193, 80.1168,
81.4839

■ 7.2778, 6.9694,
6.4915

103.2830,
104.5604, 106.9688

■ 3.6843, 3.4430,
3.0726

131.5038,
133.5299, 137.2801

■ 1.5251, 1.3671,
1.1318

164.4471,
167.4095, 172.8365

■ 0.3428, 0.1923,
0.0000

202.4784,

■ 0.0000, 0.0000,

206.5836, 214.0564

0.0000

245.9628,
251.4367, 261.3583

■ 30.3177, 30.0963,
29.8024

■ 30.3177, 30.0963,
29.8024

■ 27.1453, 25.5790,
23.1105

■ 33.9427, 35.2282,
37.5398

■ 24.4053, 21.6495,
17.4172

■ 38.0346, 40.9925,
46.3628

■ 22.0796, 18.2847,
12.6753

■ 42.6101, 47.4111,
56.3118

■ 20.1477, 15.4585,
8.8326

■ 47.6844, 54.5037,
67.4246

■ 18.5876, 13.1428,
5.8322

■ 53.2721, 62.2892,
79.7372

■ 17.3749, 11.3069,
3.6104

■ 59.3869, 70.7858,
93.2840

■ 16.4822, 9.9169,
2.0946

■ 65.7508, 79.8942,
106.5634

■ 15.8780, 8.9339,
1.1981

■ 69.1199, 86.6326,
107.6865

■ 15.6043, 8.4813,
0.8146

Harmonies

Analogous

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



30.6407, 30.0963, 32.5231



30.3177, 30.0963, 29.8024



29.5350, 30.0963, 27.9695

Triad

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



30.3177, 30.0963, 29.8024



26.8764, 30.0963, 30.2062



28.6921, 30.0963, 38.8012

Complementary

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



30.3177, 30.0963, 29.8024



30.6008, 33.9201, 40.0566

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.



27.6959, 30.0963, 38.0900



30.3177, 30.0963, 29.8024



26.6628, 30.0963, 33.0176

Square

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



30.3177, 30.0963, 29.8024



27.5498, 30.0963, 28.1926



26.9593, 30.0963, 35.9278



29.6881, 30.0963, 37.8173

Rectangle

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



30.3177, 30.0963, 29.8024



28.8667, 30.0963, 27.4368



26.9593, 30.0963, 35.9278



28.3461, 30.0963, 38.7525

Sweetspot

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



30.3185, 30.0976, 29.8030



61.1507, 63.2942, 67.1524



31.4221, 29.8144, 37.8480



13.2594, 13.6828, 14.4464



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.



30.3185, 30.0976, 29.8030



53.2876, 52.1521, 50.3994



32.0699, 33.6004, 30.3868



7.1482, 7.2347, 7.3998



11.9862, 6.5463, 0.6318



0.2731, 0.1801, 0.0204

Inverse Universe

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



30.6008, 33.9201, 40.0566



53.8975, 60.4172, 72.5733



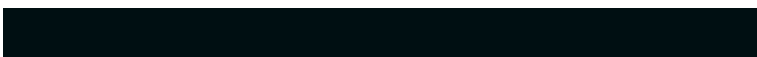
28.7735, 30.2655, 39.4475



7.1933, 7.8456, 9.0383



12.5360, 16.8515, 29.5217



0.2847, 0.3966, 0.6274

Previews

White Background



This preview shows how the XYZ color 30.3177, 30.0963, 29.8024 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 30.3177, 30.0963, 29.8024 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

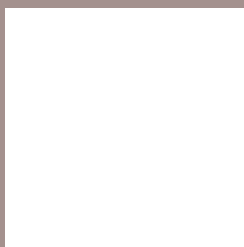
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3177, 30.0963, 29.8024

Background



This preview shows how black text looks on a background with the XYZ color 30.3177, 30.0963, 29.8024.



This preview shows how white text looks on a background with the XYZ color 30.3177, 30.0963,

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

30.3177, 30.0963, 29.8024

Protanopia

28.9184, 30.2808, 30.7062

Deuteranopia

30.5816, 30.0065, 29.7712



Tritanopia

31.3811, 30.0850, 34.7249

Trichromacy



Original Color

30.3177, 30.0963, 29.8024

Protanomaly

29.4525, 30.3311, 30.2888

Deuteranomaly

30.3728, 29.8988, 29.7614

Tritanomaly

30.9953, 30.1479, 33.0396

Monochromacy



Original Color

30.3177, 30.0963, 29.8024

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.3739, 30.2550, 31.8954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3177, 30.0963, 29.8024 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(164, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(164, 145, 142)  
}
```

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(164, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 145, 142) }
```

Border

The CSS property to change the border of an element to XYZ 30.3177, 30.0963, 29.8024 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(164, 145, 142) }
```


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

```
.border{ border-color:rgb(164, 145, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 145, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 145, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 145, 142);  
box-shadow:4px 4px 4px 4px rgb(164, 145,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3177, 30.0963, 29.8024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 145, 142) }
```

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

```
.background{ background-color: rgb(164,  
145, 142) }
```

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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