

Converting Colors

XYZ(30.6840, 30.4048, 28.9728)

Have a look what the booklet for
XYZ(30.6840, 30.4048, 28.9728)
contains.

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Color

**XYZ(30.5849, 30.2512,
29.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	A6918C
RGB	166, 145, 140
RGB Percent	65%, 57%, 55%
CMY	0.3490, 0.4314, 0.4510
CMYK	0.00, 0.13, 0.16, 0.35
HSL	12°, 13%, 60%
HSV	12°, 16%, 65%
XYZ	30.5849, 30.2512, 29.0380
YIQ	150.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

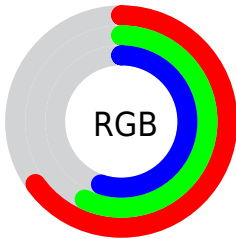
Format	Color
RYB	166, 146, 140
Decimal	10916236
CIELab	61.87, 6.98, 5.52
CIELCh	62, 8.903, 38.346
Yxy	30.2512, 0.3403, 0.3366
Android (android.graphics.Color)	4289106316 (0xFFA6918C)
YUV	150.7090, -5.2795, 13.4102
Hunter-Lab	55.0011, 3.0080, 7.1984

Details

The XYZ color **30.5849, 30.2512, 29.0380** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4429, 33.8177, 40.9997**, and the grayscale version is **29.3093, 30.8357, 33.5801**.

A 20% lighter version of the original color is **59.9798, 60.1140, 59.4808**, and **12.8771, 12.5000, 11.4069** is the 20% darker color. If you saturate the color by 10%, you get **27.5232, 25.9409, 22.4272**, and if you desaturate by 10%, it is **34.0747, 35.1215, 36.7032**.

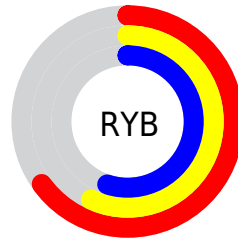
Distribution



Red (65%)

Green (57%)

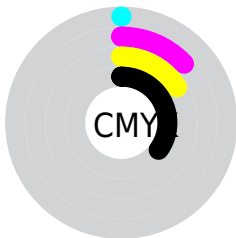
Blue (55%)



Red (65%)

Yellow (57%)

Blue (55%)

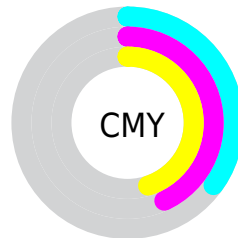


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5849, 30.2512, 29.0380 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 30.5849, 30.2512, 29.0380 by changing the saturation by 10% instead.


 30.5849, 30.2512,
29.0380


 30.5849, 30.2512,
29.0380


296.4825,
303.0736, 311.4608

 20.4332, 20.0293,
18.8637


 59.9662, 60.0592,
59.1804

 12.8204, 12.4164,
11.3960


 79.9266, 80.4141,
79.9855

 7.3812, 7.0279,
6.2164


 103.8873,
104.9156, 105.1715

 3.7500, 3.4796,
2.9062

132.2136,
133.9478, 135.1566

 1.5617, 1.3869,
1.0469

165.2710,
167.8954, 170.3596

 0.3673, 0.2071,
0.0000

203.4247,

 0.0000, 0.0000,

207.1426, 211.1989

0.0000

247.0401,
252.0739, 258.0931

■ 30.5849, 30.2512,
29.0380

■ 30.5849, 30.2512,
29.0380

■ 27.5232, 25.9409,
22.4272

■ 34.0747, 35.1215,
36.7032

■ 24.8705, 22.1666,
16.8228

■ 38.0058, 40.5669,
45.4644

■ 22.6099, 18.9084,
12.1758

■ 42.3939, 46.6068,
55.3630

■ 20.7223, 16.1435,
8.4321

■ 47.2532, 53.2584,
66.4379

■ 19.1872, 13.8477,
5.5326

■ 52.5973, 60.5384,
78.7259

■ 17.9815, 11.9943,
3.4108

■ 58.4391, 68.4628,
92.2626

■ 17.0798, 10.5541,
1.9903

■ 64.5971, 76.9693,
106.0597

■ 16.4508, 9.4936,
1.1722

■ 68.6652, 85.1054,
107.4157

■ 16.2410, 9.1370,
0.9076

■ 69.5360, 86.8471,
107.7060

Harmonies

Analogous

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



31.0766, 30.2512, 31.9964



30.5849, 30.2512, 29.0380



29.6054, 30.2512, 27.2158

Triad

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



30.5849, 30.2512, 29.0380



26.6783, 30.2512, 30.5791



29.0862, 30.2512, 39.8564

Complementary

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



30.5849, 30.2512, 29.0380



30.4429, 33.8177, 40.9997

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.



27.9168, 30.2512, 39.4118



30.5849, 30.2512, 29.0380



26.5480, 30.2512, 33.8987

Square

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



30.5849, 30.2512, 29.0380



27.3566, 30.2512, 28.0619



26.9955, 30.2512, 37.1733



30.1959, 30.2512, 38.3495

Rectangle

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



30.5849, 30.2512, 29.0380



28.8190, 30.2512, 26.8130



26.9955, 30.2512, 37.1733



28.6869, 30.2512, 39.9322

Sweetspot

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



30.5857, 30.2526, 29.0386



62.2263, 64.2761, 67.4637



31.5580, 29.4450, 37.8467



13.8230, 14.2419, 14.8711



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.



30.5857, 30.2526, 29.0386



53.3699, 51.9012, 48.0553



32.6470, 34.3750, 29.7257



7.6436, 7.7673, 7.8857



12.6209, 7.1390, 0.7128



0.3393, 0.2382, 0.0281

Inverse Universe

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



30.4429, 33.8177, 40.9997



53.0564, 59.6919, 74.2006



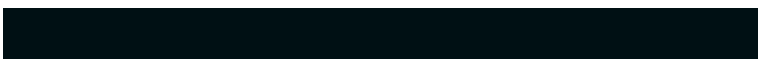
28.3251, 29.5821, 40.2937



7.6231, 8.2831, 9.6154



11.9868, 15.4338, 30.3227



0.3223, 0.4367, 0.7480

Previews

White Background



This preview shows how the XYZ color 30.5849, 30.2512, 29.0380 looks on a white background.

Color Contrast Check

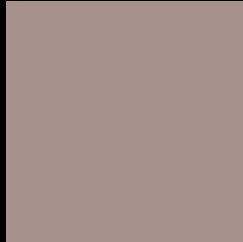
Large Text (above 18pt) WCAG AA × Fail

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 30.5849, 30.2512, 29.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

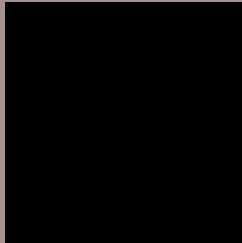
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5849, 30.2512, 29.0380

Background



This preview shows how black text looks on a background with the XYZ color 30.5849, 30.2512, 29.0380.



This preview shows how white text looks on a background with the XYZ color 30.5849, 30.2512,

29.0380.

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

30.5849, 30.2512, 29.0380

Protanopia

28.9564, 30.3179, 29.9170

Deuteranopia

30.8553, 30.1648, 29.0071



Tritanopia

31.8036, 30.3028, 34.7447

Trichromacy



Original Color

30.5849, 30.2512, 29.0380

Protanomaly

29.4982, 30.3720, 29.5070

Deuteranomaly

30.6432, 30.0555, 28.9972

Tritanomaly

31.3344, 30.3319, 32.6369

Monochromacy



Original Color

30.5849, 30.2512, 29.0380

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.7242, 30.6694, 31.9569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5849, 30.2512, 29.0380 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, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 145, 140)  
}
```

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, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 145, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.5849, 30.2512, 29.0380 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, 145, 140) }
```


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

```
.border{ border-color:rgb(166, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 145,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5849, 30.2512, 29.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 145, 140) }
```

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

```
.background{ background-color: rgb(166,  
145, 140) }
```

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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