

Converting Colors

XYZ(30.6228, 30.4639, 30.6517)

Have a look what the booklet for
XYZ(30.6228, 30.4639, 30.6517)
contains.

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Color

**XYZ(30.6228, 30.4639,
30.6517)**

Conversions

Conversions Part 1

Format	Color
Hex	A49290
RGB	164, 146, 144
RGB Percent	64%, 57%, 56%
CMY	0.3569, 0.4274, 0.4353
CMYK	0.00, 0.11, 0.12, 0.36
HSL	6°, 10%, 60%
HSV	6°, 12%, 64%
XYZ	30.6228, 30.4639, 30.6517
YIQ	151.1540, 11.3700, 3.1940

Conversions

Conversions Part 2

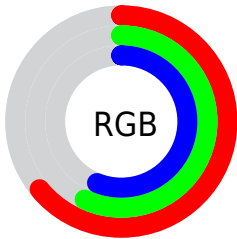
Format	Color
RYB	164, 146, 144
Decimal	10785424
CIELab	62.05, 6.34, 3.50
CIELCh	62, 7.239, 28.874
Yxy	30.4639, 0.3338, 0.3321
Android (android.graphics.Color)	4288975504 (0xFFA49290)
YUV	151.1540, -3.5269, 11.2659
Hunter-Lab	55.1941, 2.4457, 5.7096

Details

The XYZ color **30.6228, 30.4639, 30.6517** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1227, 34.4497, 40.1315**, and the grayscale version is **29.4933, 31.0292, 33.7908**.

A 20% lighter version of the original color is **60.0607, 60.4458, 61.9278**, and **12.8853, 12.6186, 12.3462** is the 20% darker color. If you saturate the color by 10%, you get **27.3295, 25.7395, 23.8125**, and if you desaturate by 10%, it is **34.3936, 35.8513, 38.5493**.

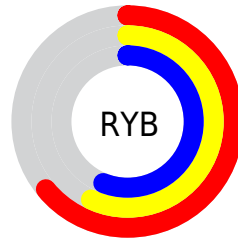
Distribution



Red (64%)

Green (57%)

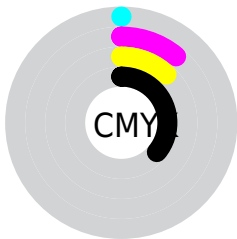
Blue (56%)



Red (64%)

Yellow (57%)

Blue (56%)

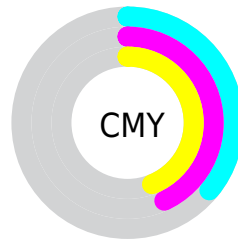


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6228, 30.4639, 30.6517 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 30.6228, 30.4639, 30.6517 by changing the saturation by 10% instead.

■ 30.6228, 30.4639,
30.6517

■ 30.6228, 30.4639,
30.6517

296.6548,
304.0609, 319.2318

■ 20.4622, 20.1910,
20.0775

■ 60.0256, 60.3950,
61.7644

■ 12.8417, 12.5339,
12.2668

■ 79.9985, 80.8220,
83.1401

■ 7.3959, 7.1084,
6.8009

103.9729,
105.4025, 108.9533

■ 3.7594, 3.5300,
3.2613

132.3142,
134.5209, 139.6226

■ 1.5669, 1.4143,
1.2296

165.3877,
168.5615, 175.5666

■ 0.3707, 0.2272,
0.0030

203.5587,

■ 0.0000, 0.0000,

207.9087, 217.2038

0.0000

247.1926,
252.9471, 264.9527

■ 30.6228, 30.4639,
30.6517

■ 30.6228, 30.4639,
30.6517

■ 27.3295, 25.7395,
23.8125

■ 34.3936, 35.8513,
38.5493

■ 24.4922, 21.6484,
17.9847

■ 38.6573, 41.9215,
47.5454

■ 22.0915, 18.1651,
13.1209

■ 43.4317, 48.6989,
57.6807

■ 20.1056, 15.2605,
9.1692

■ 48.7329, 56.2052,
68.9930

■ 18.5109, 12.9030,
6.0724

■ 54.5765, 64.4612,
81.5184

■ 17.2812, 11.0584,
3.7674

■ 60.9772, 73.4870,
95.2916

■ 16.3873, 9.6883,
2.1818

■ 67.3310, 83.0545,
107.0901

■ 15.7953, 8.7489,
1.2303

■ 69.1200, 86.6326,
107.6865

■ 15.5016, 8.2759,
0.7804

Harmonies

Analogous

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



30.8643, 30.4639, 33.2753



30.6228, 30.4639, 30.6517



29.9320, 30.4639, 28.7955

Triad

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



30.6228, 30.4639, 30.6517



27.3843, 30.4639, 30.4792



28.9183, 30.4639, 38.8149

Complementary

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



30.6228, 30.4639, 30.6517



31.1227, 34.4497, 40.1315

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.



27.9995, 30.4639, 37.9666



30.6228, 30.4639, 30.6517



27.1262, 30.4639, 33.0649

Square

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



30.6228, 30.4639, 30.6517



28.0618, 30.4639, 28.6998



27.3489, 30.4639, 35.8226



29.8670, 30.4639, 38.0818

Rectangle

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



30.6228, 30.4639, 30.6517



29.3172, 30.4639, 28.1900



27.3489, 30.4639, 35.8226



28.5958, 30.4639, 38.7045

Sweetspot

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



30.6236, 30.4653, 30.6523



61.0753, 63.1436, 67.1273



31.8051, 30.4481, 38.3836



13.2401, 13.6444, 14.4400



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.



30.6236, 30.4653, 30.6523



53.6499, 52.5249, 51.6046



32.2328, 33.6835, 31.1887



7.1282, 7.1948, 7.3931



11.9034, 6.3808, 0.6042



0.2661, 0.1660, 0.0180

Inverse Universe

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



31.1227, 34.4497, 40.1315



54.7610, 61.3986, 72.7172



29.4311, 31.0666, 39.5676



7.2152, 7.8895, 9.0456



13.2265, 18.2325, 29.7519



0.2942, 0.4156, 0.6306

Previews

White Background



This preview shows how the XYZ color 30.6228, 30.4639, 30.6517 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 30.6228, 30.4639, 30.6517 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 30.6228, 30.4639, 30.6517

Background



This preview shows how black text looks on a background with the XYZ color 30.6228, 30.4639, 30.6517.



This preview shows how white text looks on a background with the XYZ color 30.6228, 30.4639,

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

30.6228, 30.4639, 30.6517

Protanopia

29.2622, 30.4402, 31.5274

Deuteranopia

31.0958, 30.4799, 30.6298



Tritanopia

31.6999, 30.4538, 35.6599

Trichromacy



Original Color

30.6228, 30.4639, 30.6517

Protanomaly

29.8013, 30.4932, 31.1032

Deuteranomaly

30.8853, 30.3714, 30.6200

Tritanomaly

31.3099, 30.5171, 33.9459

Monochromacy



Original Color

30.6228, 30.4639, 30.6517

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8030, 30.7009, 32.3721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6228, 30.4639, 30.6517 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, 146, 144)` looks like.

```
.text, #text, p{  
    color:rgb(164, 146, 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(164, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 146, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.6228, 30.4639, 30.6517 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, 146, 144) }
```


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

```
.border{ border-color:rgb(164, 146, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 146, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(164, 146,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6228, 30.4639, 30.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 146, 144) }
```

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

```
.background{ background-color: rgb(164,  
146, 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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