

Converting Colors

XYZ(36.0781, 36.9594, 31.0402)

Have a look what the booklet for
XYZ(36.0781, 36.9594, 31.0402)
contains.

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Color

**XYZ(36.0629, 36.9379,
31.2156)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A18F
RGB	178, 161, 143
RGB Percent	70%, 63%, 56%
CMY	0.3020, 0.3686, 0.4392
CMYK	0.00, 0.10, 0.20, 0.30
HSL	31°, 19%, 63%
HSV	31°, 20%, 70%
XYZ	36.0629, 36.9379, 31.2156
YIQ	164.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

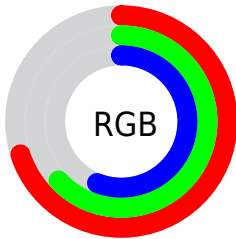
Format	Color
RYB	176, 178, 143
Decimal	11706767
CIELab	67.23, 3.22, 11.62
CIELCh	67, 12.063, 74.507
Yxy	36.9379, 0.3460, 0.3544
Android (android.graphics.Color)	4289896847 (0xFFB2A18F)
YUV	164.0310, -10.3683, 12.2508
Hunter-Lab	60.7766, -0.4427, 12.0915

Details

The XYZ color **36.0629, 36.9379, 31.2156** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9342, 34.1948, 47.0369**, and the grayscale version is **35.3447, 37.1853, 40.4948**.

A 20% lighter version of the original color is **68.5656, 70.6354, 62.8435**, and **16.0092, 16.3021, 12.6588** is the 20% darker color. If you saturate the color by 10%, you get **33.3616, 33.5246, 24.1820**, and if you desaturate by 10%, it is **39.0846, 40.6490, 39.4125**.

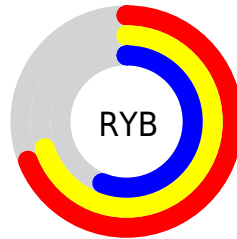
Distribution



Red (70%)

Green (63%)

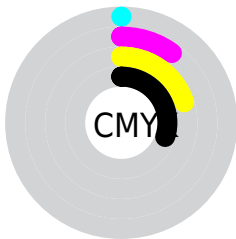
Blue (56%)



Red (69%)

Yellow (70%)

Blue (56%)

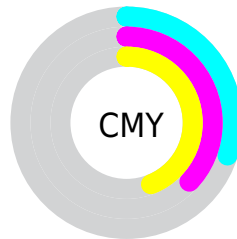


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (30%)



Cyan (30%)


Magenta (37%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0629, 36.9379, 31.2156 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 36.0629, 36.9379, 31.2156 by changing the saturation by 10% instead.


 36.0629, 36.9379,
31.2156


 36.0629, 36.9379,
31.2156


320.6618,
333.0416, 321.9123

 24.6531, 25.1594,
20.5032


 68.4524, 70.4773,
62.6629

 15.9462, 16.1959,
12.5737


 90.1628, 93.0069,
84.2349

 9.5767, 9.6629,
7.0084


116.0374,
119.8891, 110.2639

 5.1793, 5.1760,
3.3888

146.4417,
151.5082, 141.1684

 2.3887, 2.3509,
1.2964

181.7409,
188.2486, 177.3669

 0.8395, 0.8005,
0.0589

222.3004,

 0.0000, 0.0000,

230.4947, 219.2781

0.0000

268.4856,
278.6309, 267.3203

■ 36.0629, 36.9379,
31.2156

■ 36.0629, 36.9379,
31.2156

■ 33.3616, 33.5246,
24.1820

■ 39.0846, 40.6490,
39.4125

■ 30.9656, 30.3958,
18.2558

■ 42.4352, 44.6608,
48.8206

■ 28.8629, 27.5447,
13.3795

■ 46.1266, 48.9824,
59.4879

■ 27.0393, 24.9620,
9.4899

■ 50.1689, 53.6210,
71.4590

■ 25.4792, 22.6377,
6.5168

■ 54.5720, 58.5836,
84.7766

■ 24.1654, 20.5611,
4.3802

■ 59.3454, 63.8768,
99.4810

■ 23.0777, 18.7201,
2.9866

■ 62.4020, 68.6686,
104.5732

■ 22.1780, 17.0953,
2.1481

■ 64.7504, 73.3653,
105.3560

■ 22.1495, 17.0436,
2.1223

■ 67.2180, 78.3007,
106.1785

Harmonies

Analogous

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



37.6951, 36.9379, 33.5201



36.0629, 36.9379, 31.2156



34.2287, 36.9379, 31.1774

Triad

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



36.0629, 36.9379, 31.2156



31.7902, 36.9379, 42.8136



37.6499, 36.9379, 47.8946

Complementary

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



36.0629, 36.9379, 31.2156



31.9342, 34.1948, 47.0369

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.



36.0030, 36.9379, 50.8589



36.0629, 36.9379, 31.2156



32.6428, 36.9379, 47.7560

Square

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



36.0629, 36.9379, 31.2156



31.8050, 36.9379, 37.5702



34.1708, 36.9379, 50.8060



38.6329, 36.9379, 42.9897

Rectangle

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



36.0629, 36.9379, 31.2156



33.1401, 36.9379, 32.4267



34.1708, 36.9379, 50.8060



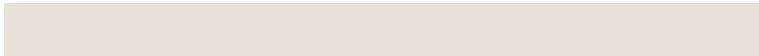
37.1531, 36.9379, 49.1694

Sweetspot

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



36.0639, 36.9396, 31.2164



72.9698, 76.2395, 77.2866



34.5719, 31.6660, 37.7779



16.0817, 16.7889, 16.8861



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.0639, 36.9396, 31.2164



62.9995, 63.9782, 50.2888



39.2387, 43.2892, 32.2747



8.8458, 9.2040, 8.9629



15.9114, 12.3213, 1.5396



0.5588, 0.5039, 0.0678

Inverse Universe

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



31.9342, 34.1948, 47.0369



54.0093, 58.0032, 84.7303



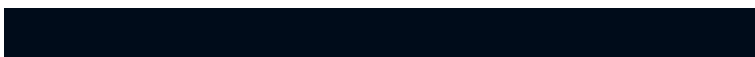
29.1865, 28.6994, 46.1210



8.3712, 8.8886, 10.7808



8.2185, 7.2374, 31.1008



0.3171, 0.3447, 0.9981

Previews

White Background



This preview shows how the XYZ color 36.0629, 36.9379, 31.2156 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 36.0629, 36.9379, 31.2156 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 36.0629, 36.9379, 31.2156

Background



This preview shows how black text looks on a background with the XYZ color 36.0629, 36.9379, 31.2156.



This preview shows how white text looks on a background with the XYZ color 36.0629, 36.9379,

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

36.0629, 36.9379, 31.2156

Protanopia

34.9258, 36.8659, 31.6606

Deuteranopia

37.7544, 37.0321, 31.5436



Tritanopia

38.2745, 36.8023, 42.6224

Trichromacy



Original Color

36.0629, 36.9379, 31.2156

Protanomaly

35.4099, 36.8529, 31.6326

Deuteranomaly

37.1993, 37.0002, 31.5667

Tritanomaly

37.3944, 36.6951, 38.3697

Monochromacy



Original Color

36.0629, 36.9379, 31.2156

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.4601, 37.0297, 36.7310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0629, 36.9379, 31.2156 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(178, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(178, 161, 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(178, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 161, 143) }
```

Border

The CSS property to change the border of an element to XYZ 36.0629, 36.9379, 31.2156 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(178, 161, 143) }
```


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

```
.border{ border-color:rgb(178, 161, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 161, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 161, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 161, 143);  
box-shadow:4px 4px 4px 4px rgb(178, 161,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0629, 36.9379, 31.2156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 161, 143) }
```

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

```
.background{ background-color: rgb(178,  
161, 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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