

Converting Colors

XYZ(35.8126, 36.2907, 31.0259)

Have a look what the booklet for
XYZ(35.8126, 36.2907, 31.0259)
contains.

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Color

**XYZ(35.7162, 36.2444,
31.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	B29F8F
RGB	178, 159, 143
RGB Percent	70%, 62%, 56%
CMY	0.3020, 0.3765, 0.4392
CMYK	0.00, 0.11, 0.20, 0.30
HSL	27°, 19%, 63%
HSV	27°, 20%, 70%
XYZ	35.7162, 36.2444, 31.1000
YIQ	162.8570, 16.4600, -0.9480

Conversions

Conversions Part 2

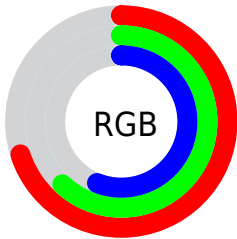
Format	Color
R_{YB}	178, 172, 143
Decimal	11706255
CIE Lab	66.71, 4.32, 10.88
CIE LCh	67, 11.709, 68.360
Yxy	36.2444, 0.3466, 0.3517
Android (android.graphics.Color)	4289896335 (0xFFB29F8F)
YUV	162.8570, -9.7895, 13.2804
Hunter-Lab	60.2033, 0.5410, 11.5141

Details

The XYZ color **35.7162, 36.2444, 31.1000** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2838, 34.8940, 47.1536**, and the grayscale version is **34.7854, 36.5969, 39.8540**.

A 20% lighter version of the original color is **68.0563, 69.6168, 62.6738**, and **15.7958, 15.8754, 12.5877** is the 20% darker color. If you saturate the color by 10%, you get **32.8766, 32.5545, 24.0203**, and if you desaturate by 10%, it is **38.9016, 40.2829, 39.3515**.

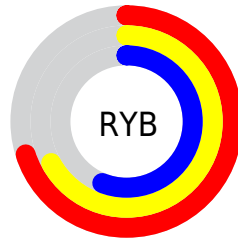
Distribution



Red (70%)

Green (62%)

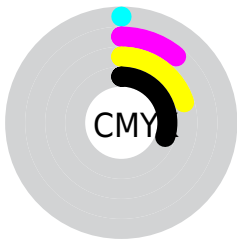
Blue (56%)



Red (70%)

Yellow (67%)

Blue (56%)

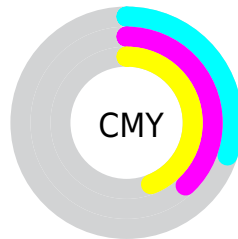


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7162, 36.2444, 31.1000 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 35.7162, 36.2444, 31.1000 by changing the saturation by 10% instead.

■ 35.7162, 36.2444,
31.1000

■ 35.7162, 36.2444,
31.1000

319.1713,
330.0275, 321.3642

■ 24.3842, 24.6230,
20.4159

■ 67.9205, 69.4091,
62.4789

■ 15.7451, 15.7964,
12.5107

■ 89.5236, 91.7212,
84.0108

■ 9.4337, 9.3802,
6.9657

115.2810,
118.3657, 109.9957

■ 5.0845, 4.9900,
3.3625

145.5582,
149.7270, 140.8521

■ 2.3322, 2.2414,
1.2826

180.7204,
186.1894, 176.9987

■ 0.8111, 0.7424,
0.0475

221.1331,

■ 0.0000, 0.0000,

228.1374, 218.8538

0.0000

267.1616,
275.9553, 266.8362

■ 35.7162, 36.2444,
31.1000

■ 35.7162, 36.2444,
31.1000

■ 32.8766, 32.5545,
24.0203

■ 38.9016, 40.2829,
39.3515

■ 30.3669, 29.1984,
18.0561

■ 42.4422, 44.6746,
48.8229

■ 28.1742, 26.1672,
13.1499

■ 46.3505, 49.4302,
59.5625

■ 26.2833, 23.4499,
9.2379

■ 50.6376, 54.5584,
71.6153

■ 24.6777, 21.0345,
6.2495

■ 55.3141, 60.0676,
85.0240

■ 23.3391, 18.9082,
4.1047

■ 60.3901, 65.9659,
99.8293

■ 22.2460, 17.0566,
2.7094

■ 63.7791, 71.4227,
105.0322

■ 21.3594, 15.4580,
1.8752

■ 66.4905, 76.8455,
105.9360

■ 21.3317, 15.4078,
1.8497

■ 69.3525, 82.5695,
106.8900

Harmonies

Analogous

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



37.1800, 36.2444, 33.7332



35.7162, 36.2444, 31.1000



33.9581, 36.2444, 30.6062

Triad

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



35.7162, 36.2444, 31.1000



31.1988, 36.2444, 40.8943



36.5990, 36.2444, 47.5880

Complementary

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



35.7162, 36.2444, 31.1000



32.2838, 34.8940, 47.1536

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.



34.9451, 36.2444, 49.8845



35.7162, 36.2444, 31.1000



31.8555, 36.2444, 45.8097

Square

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



35.7162, 36.2444, 31.1000



31.3894, 36.2444, 35.9865



33.2126, 36.2444, 49.2073



37.7017, 36.2444, 43.1586

Rectangle

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



35.7162, 36.2444, 31.1000



32.8619, 36.2444, 31.5127



33.2126, 36.2444, 49.2073



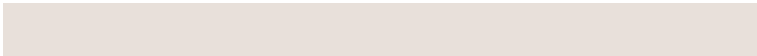
36.0869, 36.2444, 48.6515

Sweetspot

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



35.7172, 36.2460, 31.1008



72.7548, 75.8095, 77.2149



34.7268, 31.7279, 38.5933



16.0293, 16.6841, 16.8687



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.



35.7172, 36.2460, 31.1008



62.2458, 62.4707, 50.0376



38.8929, 42.5974, 32.1593



8.8058, 9.1241, 8.9495



15.3243, 11.1473, 1.3440



0.5407, 0.4678, 0.0618

Inverse Universe

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



32.2838, 34.8940, 47.1536



54.7707, 59.5260, 84.9841



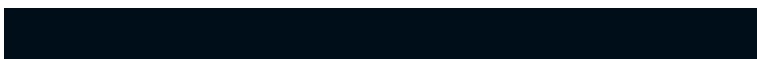
29.4513, 29.2290, 46.2094



8.4113, 8.9688, 10.7942



8.8463, 8.4930, 31.3100



0.3358, 0.3822, 1.0043

Previews

White Background



This preview shows how the XYZ color 35.7162, 36.2444, 31.1000 looks on a white background.

Color Contrast Check

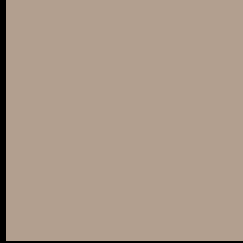
Large Text (above 18pt) WCAG AA × Fail

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 35.7162, 36.2444, 31.1000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

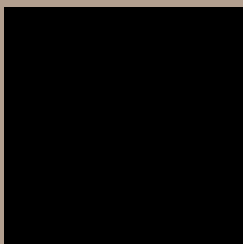
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

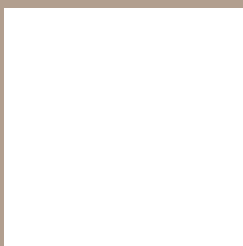
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7162, 36.2444, 31.1000

Background



This preview shows how black text looks on a background with the XYZ color 35.7162, 36.2444, 31.1000.



This preview shows how white text looks on a background with the XYZ color 35.7162, 36.2444,

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

35.7162, 36.2444, 31.1000

Protanopia

34.3166, 36.2893, 31.5814

Deuteranopia

36.9301, 36.1048, 31.4081



Tritanopia

37.8453, 36.0936, 42.0179

Trichromacy



Original Color

35.7162, 36.2444, 31.1000

Protanomaly

34.7922, 36.2740, 31.5534

Deuteranomaly

36.3824, 36.0726, 31.4307

Tritanomaly

36.9689, 35.9834, 37.7979

Monochromacy



Original Color

35.7162, 36.2444, 31.1000

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.0695, 36.5658, 36.6620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7162, 36.2444, 31.1000 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, 159, 143)` looks like.

```
.text, #text, p{  
    color:rgb(178, 159, 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, 159, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 159, 143) }
```

Border

The CSS property to change the border of an element to XYZ 35.7162, 36.2444, 31.1000 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, 159, 143) }
```


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

```
.border{ border-color:rgb(178, 159, 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, 159, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 159, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 159, 143);  
box-shadow:4px 4px 4px 4px rgb(178, 159,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7162, 36.2444, 31.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 159, 143) }
```

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

```
.background{ background-color: rgb(178,  
159, 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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