

Converting Colors

XYZ(36.6325, 31.5017, 35.3300)

Have a look what the booklet for
XYZ(36.6325, 31.5017, 35.3300)
contains.

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Color

**XYZ(36.6003, 31.4643,
35.1545)**

Conversions

Conversions Part 1

Format	Color
Hex	C0899B
RGB	192, 137, 155
RGB Percent	75%, 54%, 61%
CMY	0.2471, 0.4627, 0.3922
CMYK	0.00, 0.29, 0.19, 0.25
HSL	340°, 30%, 65%
HSV	340°, 29%, 75%
XYZ	36.6003, 31.4643, 35.1545
YIQ	155.4970, 27.0020, 17.2580

Conversions

Conversions Part 2

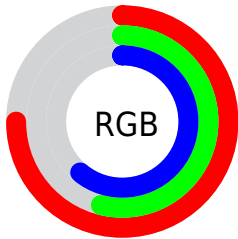
Format	Color
RYB	192, 137, 155
Decimal	12618139
CIELab	62.90, 23.69, -1.17
CIElCh	63, 23.716, 357.161
Yxy	31.4643, 0.3546, 0.3048
Android (android.graphics.Color)	4290808219 (0xFFC0899B)
YUV	155.4970, -0.2450, 32.0131
Hunter-Lab	56.0930, 18.3071, 2.1070

Details

The XYZ color **36.6003, 31.4643, 35.1545** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8075, 46.0745, 46.9999**, and the grayscale version is **31.3694, 33.0030, 35.9403**.

A 20% lighter version of the original color is **69.2063, 62.0048, 68.6422**, and **16.1430, 12.9734, 14.7500** is the 20% darker color. If you saturate the color by 10%, you get **33.0826, 26.0729, 28.9131**, and if you desaturate by 10%, it is **40.7215, 37.8763, 42.1704**.

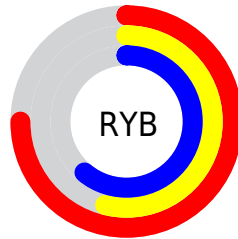
Distribution



Red (75%)

Green (54%)

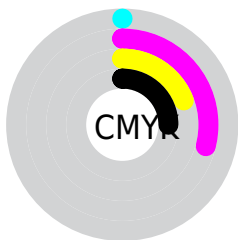
Blue (61%)



Red (75%)

Yellow (54%)

Blue (61%)

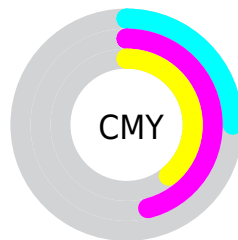


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (25%)



Cyan (25%)


Magenta (46%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6003, 31.4643, 35.1545 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 36.6003, 31.4643, 35.1545 by changing the saturation by 10% instead.


 36.6003, 31.4643,
35.1545


 36.6003, 31.4643,
35.1545

322.9625,
308.6717, 340.1747


 25.0704, 20.9527,
23.4974


 69.2754, 61.9703,
68.8793

 16.2585, 13.0894,
14.7525


 91.1514, 82.7335,
91.7841

 9.7993, 7.4901,
8.5012


 117.2068,
107.6827, 119.2753

 5.3273, 3.7705,
4.3249

147.8070,
137.2022, 151.7713

 2.4773, 1.5460,
1.8052

183.3173,
171.6764, 189.6907

 0.8838, 0.3208,
0.4314

224.1031,

 0.0000, 0.0000,

211.4898, 233.4520

0.0000

270.5297,
257.0268, 283.4739

■ 36.6003, 31.4643,
35.1545

■ 36.6003, 31.4643,
35.1545

■ 33.0826, 26.0729,
28.9131

■ 40.7215, 37.8763,
42.1704

■ 30.1364, 21.6449,
23.4164

■ 45.4709, 45.3537,
49.9851

■ 27.7306, 18.1238,
18.6358

■ 50.8749, 53.9438,
58.6242

■ 25.8299, 15.4457,
14.5394

■ 56.9578, 63.6898,
68.1115

■ 24.3947, 13.5380,
11.0930

■ 63.7423, 74.6326,
78.4698

■ 23.3788, 12.3158,
8.2586

■ 71.2505, 86.8111,
89.7210

■ 22.7087, 11.6399,
5.9873

■ 74.0443, 89.3449,
100.0668

■ 22.6308, 11.5635,
5.7167

■ 75.5484, 89.9466,
107.9873

Harmonies

Analogous

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



35.4768, 31.4643, 44.9240



36.6003, 31.4643, 35.1545



35.8252, 31.4643, 26.7132

Triad

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



36.6003, 31.4643, 35.1545



27.1397, 31.4643, 20.6616



26.6397, 31.4643, 51.6277

Complementary

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



36.6003, 31.4643, 35.1545



36.8075, 46.0745, 46.9999

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.



24.6773, 31.4643, 43.1073



36.6003, 31.4643, 35.1545



24.9510, 31.4643, 25.4320

Square

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



36.6003, 31.4643, 35.1545



30.2168, 31.4643, 19.2979



24.0820, 31.4643, 33.3794



29.5970, 31.4643, 55.4534

Rectangle

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



36.6003, 31.4643, 35.1545



34.3650, 31.4643, 22.7282



24.0820, 31.4643, 33.3794



25.8502, 31.4643, 49.1499

Sweetspot

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



36.6012, 31.4658, 35.1551



81.9316, 81.4525, 89.8258



35.8426, 30.6591, 53.8983



17.2922, 17.0240, 18.8072



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.6012, 31.4658, 35.1551



62.4281, 51.0305, 56.8582



36.5593, 33.6232, 28.2316



10.2061, 10.1310, 11.1756



15.2602, 7.7938, 4.0165



0.6915, 0.3496, 0.3430

Inverse Universe

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



36.6012, 31.4658, 35.1551



62.4281, 51.0305, 56.8582



36.7312, 42.9234, 56.2187



10.2061, 10.1310, 11.1756



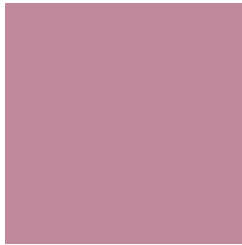
15.2602, 7.7938, 4.0165



0.6915, 0.3496, 0.3430

Previews

White Background



This preview shows how the XYZ color 36.6003, 31.4643, 35.1545 looks on a white background.

Color Contrast Check

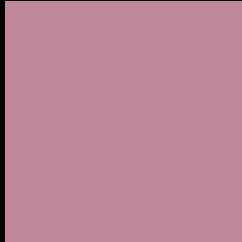
Large Text (above 18pt) WCAG AA × Fail

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 36.6003, 31.4643, 35.1545 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 36.6003, 31.4643, 35.1545

Background



This preview shows how black text looks on a background with the XYZ color 36.6003, 31.4643, 35.1545.



This preview shows how white text looks on a background with the XYZ color 36.6003, 31.4643,

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

36.6003, 31.4643, 35.1545

Protanopia

30.8780, 31.8122, 39.6349

Deuteranopia

32.2760, 31.6952, 34.5536



Tritanopia

35.9992, 31.4232, 32.6017

Trichromacy



Original Color

36.6003, 31.4643, 35.1545

Protanomaly

32.8031, 31.6561, 38.0995

Deuteranomaly

33.7105, 31.5097, 34.8771

Tritanomaly

36.1603, 31.4877, 33.4500

Monochromacy



Original Color

36.6003, 31.4643, 35.1545

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.6547, 31.8712, 35.4410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6003, 31.4643, 35.1545 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(192, 137, 155)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 155)  
}
```

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(192, 137, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 155) }
```

Border

The CSS property to change the border of an element to XYZ 36.6003, 31.4643, 35.1545 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(192, 137, 155) }
```


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

```
.border{ border-color:rgb(192, 137, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 137, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 137, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 137, 155);  
box-shadow:4px 4px 4px 4px rgb(192, 137,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6003, 31.4643, 35.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 155) }
```

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

```
.background{ background-color: rgb(192,  
137, 155) }
```

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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