

Converting Colors

XYZ(42.4338, 36.1483, 31.2178)

Have a look what the booklet for
XYZ(42.4338, 36.1483, 31.2178)
contains.

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Color

**XYZ(42.4479, 36.1063,
31.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	D59090
RGB	213, 144, 144
RGB Percent	84%, 56%, 56%
CMY	0.1647, 0.4353, 0.4353
CMYK	0.00, 0.32, 0.32, 0.16
HSL	0°, 45%, 70%
HSV	0°, 32%, 84%
XYZ	42.4479, 36.1063, 31.1175
YIQ	164.6310, 41.1240, 14.6280

Conversions

Conversions Part 2

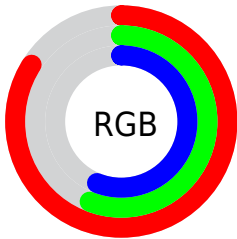
Format	Color
R _{YB}	213, 144, 144
Decimal	13996176
CIE Lab	66.60, 26.15, 10.68
CIE LCh	67, 28.244, 22.213
Yxy	36.1063, 0.3870, 0.3292
Android (android.graphics.Color)	4292186256 (0xFFD59090)
YUV	164.6310, -10.1711, 42.4196
Hunter-Lab	60.0885, 20.9416, 11.3580

Details

The XYZ color **42.4479, 36.1063, 31.1175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.3052, 58.3198, 71.7145**, and the grayscale version is **35.6217, 37.4768, 40.8123**.

A 20% lighter version of the original color is **71.6271, 65.7254, 62.3372**, and **19.8394, 15.8050, 12.5947** is the 20% darker color. If you saturate the color by 10%, you get **38.0438, 29.6621, 22.3611**, and if you desaturate by 10%, it is **47.7697, 43.8939, 41.6958**.

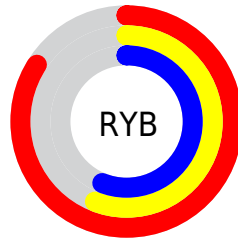
Distribution



Red (84%)

Green (56%)

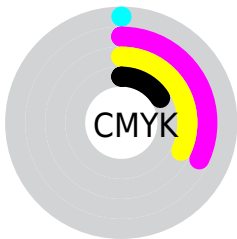
Blue (56%)



Red (84%)

Yellow (56%)

Blue (56%)

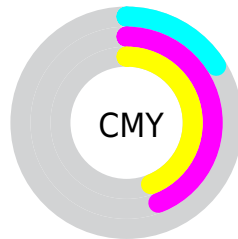


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (16%)



Cyan (16%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4479, 36.1063, 31.1175 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 42.4479, 36.1063, 31.1175 by changing the saturation by 10% instead.


 42.4479, 36.1063,
31.1175


 42.4479, 36.1063,
31.1175


347.2964,
329.4249, 321.4472

 29.6448, 24.5163,
20.4291


 78.1380, 69.1961,
62.5068

 19.7159, 15.7171,
12.5202


 101.7557, 91.4647,
84.0447

 12.2957, 9.3242,
6.9722


129.7089,
118.0616, 110.0363

 7.0191, 4.9532,
3.3665


162.3631,
149.3713, 140.9000

 3.5205, 2.2198,
1.2847

200.0836,
185.7780, 177.0544

 1.4346, 0.7308,
0.0492

243.2358,

 0.2807, 0.0000,

227.6663, 218.9181

0.0000

292.1849,
275.4205, 266.9095

0.0000, 0.0000,
0.0000

42.4479, 36.1063,
31.1175

42.4479, 36.1063,
31.1175

38.0438, 29.6621,
22.3611

47.7697, 43.8939,
41.6958

34.5027, 24.4805,
15.3219

54.0538, 53.0893,
54.1884

31.7690, 20.4803,
9.8877

61.3455, 63.7591,
68.6842

29.7792, 17.5684,
5.9322

69.6863, 75.9639,
85.2657

28.4601, 15.6382,
3.3102

79.1154, 89.7613,
104.0109

■ 27.7241, 14.5611,
1.8475

■ 81.2506, 92.8862,
108.2542

■ 27.4408, 14.1465,
1.2843

Harmonies

Analogous

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



43.0625, 36.1063, 42.5689



42.4479, 36.1063, 31.1175



39.5694, 36.1063, 23.5744

Triad

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



42.4479, 36.1063, 31.1175



28.2597, 36.1063, 26.6527



33.2232, 36.1063, 67.3399

Complementary

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



42.4479, 36.1063, 31.1175



47.3052, 58.3198, 71.7145

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.



29.5530, 36.1063, 60.8471



42.4479, 36.1063, 31.1175



26.8454, 36.1063, 36.2287

Square

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



42.4479, 36.1063, 31.1175



31.3221, 36.1063, 21.3918



27.2986, 36.1063, 48.8357



37.4990, 36.1063, 65.1870

Rectangle

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



42.4479, 36.1063, 31.1175



36.8739, 36.1063, 20.9827



27.2986, 36.1063, 48.8357



31.8830, 36.1063, 66.0562

Sweetspot

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



42.4489, 36.1080, 31.1182



83.6111, 83.2618, 86.1596



49.4243, 38.8971, 67.8539



17.5792, 17.3576, 17.8115



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.4489, 36.1080, 31.1182



59.0169, 47.2735, 37.2672



48.4949, 48.2002, 33.1336



12.4234, 12.4210, 12.9034



16.7621, 8.6413, 0.7845



1.0110, 0.5213, 0.0473

Inverse Universe

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



47.3052, 58.3198, 71.7145



67.4313, 85.7589, 107.6069



39.5322, 42.7739, 69.1235



12.7922, 14.1078, 15.9864



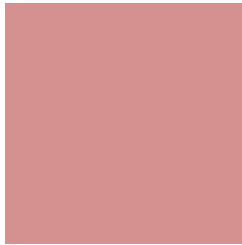
21.8688, 31.9995, 43.4771



1.3190, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 42.4479, 36.1063, 31.1175 looks on a white background.

Color Contrast Check

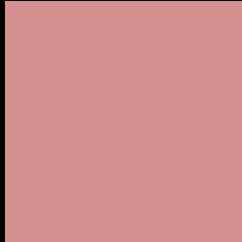
Large Text (above 18pt) WCAG AA × Fail

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 42.4479, 36.1063, 31.1175 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 42.4479, 36.1063, 31.1175

Background



This preview shows how black text looks on a background with the XYZ color 42.4479, 36.1063, 31.1175.



This preview shows how white text looks on a background with the XYZ color 42.4479, 36.1063,

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

42.4479, 36.1063, 31.1175

Protanopia

34.6064, 36.3561, 35.3305

Deuteranopia

36.7785, 36.0442, 30.6100



Tritanopia

43.3038, 36.2410, 34.8498

Trichromacy



Original Color

42.4479, 36.1063, 31.1175

Protanomaly

36.9935, 35.8350, 33.8212

Deuteranomaly

38.6918, 36.0417, 30.9041

Tritanomaly

43.0590, 36.1431, 33.5610

Monochromacy



Original Color

42.4479, 36.1063, 31.1175

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.4342, 36.4933, 36.9692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4479, 36.1063, 31.1175 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(213, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 144, 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(213, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 42.4479, 36.1063, 31.1175 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(213, 144, 144) }
```


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

```
.border{ border-color:rgb(213, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4479, 36.1063, 31.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 144, 144) }
```

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

```
.background{ background-color: rgb(213,  
144, 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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