

Converting Colors

XYZ(42.6419, 37.5142, 36.5575)

Have a look what the booklet for
XYZ(42.6419, 37.5142, 36.5575)
contains.

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Color

**XYZ(42.6392, 37.4784,
36.4392)**

Conversions

Conversions Part 1

Format	Color
Hex	CF969C
RGB	207, 150, 156
RGB Percent	81%, 59%, 61%
CMY	0.1882, 0.4117, 0.3882
CMYK	0.00, 0.28, 0.25, 0.19
HSL	354°, 37%, 70%
HSV	354°, 28%, 81%
XYZ	42.6392, 37.4784, 36.4392
YIQ	167.7270, 32.0460, 13.9500

Conversions

Conversions Part 2

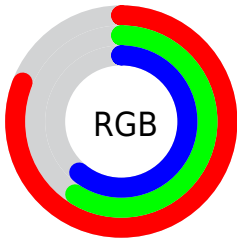
Format	Color
R _Y B	207, 150, 156
Decimal	13604508
CIE Lab	67.63, 22.27, 5.34
CIE LCh	68, 22.899, 13.488
Yxy	37.4784, 0.3658, 0.3215
Android (android.graphics.Color)	4291794588 (0xFFCF969C)
YUV	167.7270, -5.7814, 34.4424
Hunter-Lab	61.2196, 17.1902, 7.5631

Details

The XYZ color **42.6392, 37.4784, 36.4392** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4347, 55.3276, 63.5457**, and the grayscale version is **37.1029, 39.0352, 42.5093**.

A 20% lighter version of the original color is **74.4657, 69.0989, 70.3854**, and **19.7741, 16.5229, 15.5116** is the 20% darker color. If you saturate the color by 10%, you get **38.1725, 30.8664, 27.7932**, and if you desaturate by 10%, it is **47.9306, 45.3565, 46.5409**.

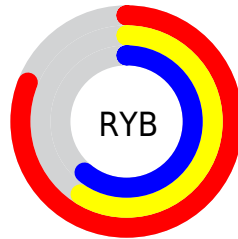
Distribution



Red (81%)

Green (59%)

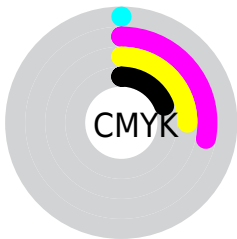
Blue (61%)



Red (81%)

Yellow (59%)

Blue (61%)

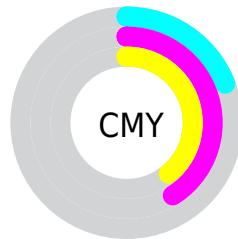


Cyan (0%)

Magenta (28%)

Yellow (25%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6392, 37.4784, 36.4392 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 42.6392, 37.4784, 36.4392 by changing the saturation by 10% instead.


 42.6392, 37.4784,
36.4392


 42.6392, 37.4784,
36.4392

348.0726,
335.3771, 345.9714

 29.7954, 25.5781,
24.4812

 78.4252, 71.3080,
70.8861

 19.8307, 16.5083,
15.4755

 102.0982, 94.0060,
94.2121

 12.3796, 9.8845,
9.0034

130.1116,
121.0721, 122.1644

 7.0768, 5.3225,
4.6466

162.8308,
152.8907, 155.1618

 3.5569, 2.4377,
1.9863

200.6211,
189.8460, 193.6226

 1.4547, 0.8452,
0.5469

243.8480,

 0.2947, 0.0000,

232.3226, 237.9655

0.0000

292.8767,
280.7049, 288.6089

■ 0.0000, 0.0000,
0.0000

■ 42.6392, 37.4784,
36.4392

■ 42.6392, 37.4784,
36.4392

■ 38.1725, 30.8664,
27.7932

■ 47.9306, 45.3565,
46.5409

■ 34.4860, 25.4495,
20.5336

■ 54.0823, 54.5564,
58.1589

■ 31.5355, 21.1579,
14.5887

■ 61.1313, 65.1368,
71.3529

■ 29.2712, 17.9120,
9.8796

■ 69.1117, 77.1514,
86.1789

■ 27.6372, 15.6224,
6.3186

■ 78.0558, 90.6510,
102.6899

■ 26.5684, 14.1841,
3.8067

■ 79.5422, 92.0054,
108.1742

■ 25.9779, 13.4524,
2.2249

■ 25.8749, 13.3225,
1.9555

Harmonies

Analogous

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



42.5347, 37.4784, 46.5863



42.6392, 37.4784, 36.4392



40.7775, 37.4784, 28.8374

Triad

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



42.6392, 37.4784, 36.4392



31.1517, 37.4784, 28.2654



33.7274, 37.4784, 62.4286

Complementary

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



42.6392, 37.4784, 36.4392



45.4347, 55.3276, 63.5457

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.



30.9206, 37.4784, 55.7022



42.6392, 37.4784, 36.4392



29.5022, 37.4784, 35.5277

Square

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



42.6392, 37.4784, 36.4392



34.0622, 37.4784, 24.6719



29.4205, 37.4784, 45.5119



37.2289, 37.4784, 62.7819

Rectangle

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



42.6392, 37.4784, 36.4392



38.7390, 37.4784, 25.7661



29.4205, 37.4784, 45.5119



32.6770, 37.4784, 60.7932

Sweetspot

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



42.6402, 37.4801, 36.4400



86.0829, 86.5475, 92.0946



46.0829, 38.6471, 64.0624



18.0870, 18.0181, 19.0754



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.



42.6402, 37.4801, 36.4400



63.9825, 53.6124, 49.9972



45.9623, 44.9169, 35.1037



11.8586, 11.8282, 12.5310



16.3192, 8.4005, 1.3210



0.9300, 0.4767, 0.1663

Inverse Universe

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



42.6402, 37.4801, 36.4400



63.9825, 53.6124, 49.9972



41.2220, 45.7512, 65.6899



11.8586, 11.8282, 12.5310



16.3192, 8.4005, 1.3210



0.9300, 0.4767, 0.1663

Previews

White Background



This preview shows how the XYZ color 42.6392, 37.4784, 36.4392 looks on a white background.

Color Contrast Check

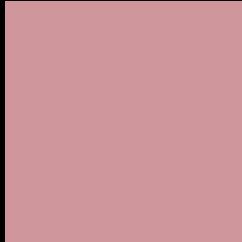
Large Text (above 18pt) WCAG AA × Fail

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 42.6392, 37.4784, 36.4392 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 42.6392, 37.4784, 36.4392

Background



This preview shows how black text looks on a background with the XYZ color 42.6392, 37.4784, 36.4392.



This preview shows how white text looks on a background with the XYZ color 42.6392, 37.4784,

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

42.6392, 37.4784, 36.4392

Protanopia

36.1247, 37.5561, 40.4670

Deuteranopia

38.2385, 37.4437, 35.7838



Tritanopia

43.1929, 37.4780, 38.6757

Trichromacy



Original Color

42.6392, 37.4784, 36.4392

Protanomaly

38.1226, 37.3146, 38.9114

Deuteranomaly

39.7972, 37.4809, 36.1474

Tritanomaly

43.0179, 37.4080, 37.7541

Monochromacy



Original Color

42.6392, 37.4784, 36.4392

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.7371, 38.1152, 40.4373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6392, 37.4784, 36.4392 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(207, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 156)  
}
```

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(207, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 156) }
```

Border

The CSS property to change the border of an element to XYZ 42.6392, 37.4784, 36.4392 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(207, 150, 156) }
```


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

```
.border{ border-color:rgb(207, 150, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6392, 37.4784, 36.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 156) }
```

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

```
.background{ background-color: rgb(207,  
150, 156) }
```

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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