

Converting Colors

XYZ(36.1580, 33.5797, 42.1859)

Have a look what the booklet for
XYZ(36.1580, 33.5797, 42.1859)
contains.

XYZ(36.1114, 33.5094, 42.1008)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.1114, 33.5094,
42.1008)**

Conversions

Conversions Part 1

Format	Color
Hex	B294A9
RGB	178, 148, 169
RGB Percent	70%, 58%, 66%
CMY	0.3020, 0.4196, 0.3373
CMYK	0.00, 0.17, 0.05, 0.30
HSL	318°, 16%, 64%
HSV	318°, 17%, 70%
XYZ	36.1114, 33.5094, 42.1008
YIQ	159.3640, 11.1390, 12.8910

Conversions

Conversions Part 2

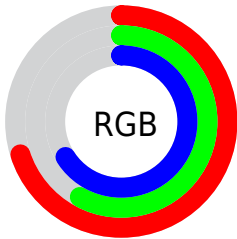
Format	Color
RYB	178, 148, 169
Decimal	11703465
CIELab	64.57, 14.85, -6.79
CIElCh	65, 16.325, 335.427
Yxy	33.5094, 0.3232, 0.2999
Android (android.graphics.Color)	4289893545 (0xFFB294A9)
YUV	159.3640, 4.7505, 16.3438
Hunter-Lab	57.8873, 10.0495, -2.5999

Details

The XYZ color **36.1114, 33.5094, 42.1008** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.2202, 40.5718, 37.9277**, and the grayscale version is **33.0974, 34.8211, 37.9202**.

A 20% lighter version of the original color is **68.5068, 65.1153, 79.4788**, and **15.9430, 14.1937, 18.7290** is the 20% darker color. If you saturate the color by 10%, you get **33.0403, 28.1528, 38.6540**, and if you desaturate by 10%, it is **39.6343, 39.7358, 45.8000**.

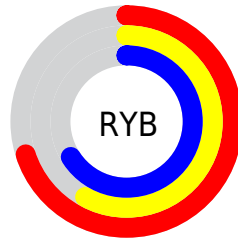
Distribution



Red (70%)

Green (58%)

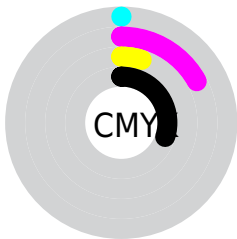
Blue (66%)



Red (70%)

Yellow (58%)

Blue (66%)

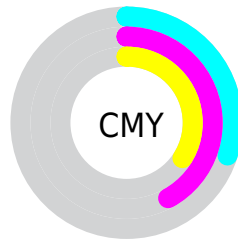


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (30%)



Cyan (30%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1114, 33.5094, 42.1008 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 36.1114, 33.5094, 42.1008 by changing the saturation by 10% instead.


 36.1114, 33.5094,
42.1008


 36.1114, 33.5094,
42.1008

320.8699,
317.9389, 370.7126

 24.6908, 22.5170,
28.8541


 68.5267, 65.1700,
79.6239

 15.9743, 14.2372,
18.7258


 90.2521, 86.6070,
104.7373

 9.5967, 8.2859,
11.2975


116.1431,
112.2943, 134.6434

 5.1926, 4.2784,
6.1506

146.5651,
142.6162, 169.7607

 2.3966, 1.8305,
2.8666

181.8834,
177.9573, 210.5077

 0.8434, 0.5061,
1.0269

222.4634,

 0.0000, 0.0000,

218.7018, 257.3030

0.0000

268.6705,
265.2342, 310.5651

■ 36.1114, 33.5094,
42.1008

■ 36.1114, 33.5094,
42.1008

■ 33.0403, 28.1528,
38.6540

■ 39.6343, 39.7358,
45.8000

■ 30.3983, 23.6225,
35.4498

■ 43.6246, 46.8643,
49.7568

■ 28.1650, 19.8776,
32.4804

■ 48.1007, 54.9310,
53.9790

■ 26.3172, 16.8721,
29.7369

■ 53.0792, 63.9686,
58.4731

■ 24.8294, 14.5554,
27.2096

■ 58.5759, 74.0082,
63.2455

■ 23.6726, 12.8700,
24.8876

■ 64.6058, 85.0797,
68.3025

■ 22.8134, 11.7495,
22.7583

■ 65.3076, 85.4600,
71.6911

■ 22.2049, 11.1002,
20.8047

■ 65.9693, 85.7247,
75.1752

■ 22.0361, 10.9354,
20.2162

■ 66.6532, 85.9982,
78.7767

Harmonies

Analogous

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



34.5248, 33.5094, 48.0032



36.1114, 33.5094, 42.1008



36.5334, 33.5094, 35.2829

Triad

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



36.1114, 33.5094, 42.1008



31.4268, 33.5094, 25.1203



28.3282, 33.5094, 44.4617

Complementary

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



36.1114, 33.5094, 42.1008



34.2202, 40.5718, 37.9277

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.



27.5844, 33.5094, 37.7162



36.1114, 33.5094, 42.1008



29.3165, 33.5094, 26.9762

Square

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



36.1114, 33.5094, 42.1008



33.7542, 33.5094, 25.9937



27.9372, 33.5094, 31.3941



30.0182, 33.5094, 49.4788

Rectangle

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



36.1114, 33.5094, 42.1008



36.0806, 33.5094, 31.2371



27.9372, 33.5094, 31.3941



27.9631, 33.5094, 42.2923

Sweetspot

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



36.1124, 33.5109, 42.1015



73.0885, 74.2189, 84.2871



32.5318, 31.5640, 46.4977



16.0861, 16.2534, 18.5659



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.



36.1124, 33.5109, 42.1015



63.4495, 57.1990, 74.1123



34.7839, 32.9795, 35.1058



8.7392, 8.6024, 10.1253



15.7958, 7.8359, 14.6163



0.5213, 0.2563, 0.5878

Inverse Universe

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



36.1124, 33.5109, 42.1015



63.4495, 57.1990, 74.1123



35.5806, 41.1160, 45.0913



8.7392, 8.6024, 10.1253



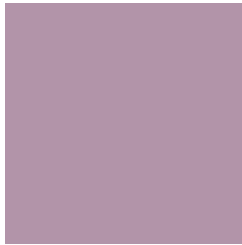
15.7958, 7.8359, 14.6163



0.5213, 0.2563, 0.5878

Previews

White Background



This preview shows how the XYZ color 36.1114, 33.5094, 42.1008 looks on a white background.

Color Contrast Check

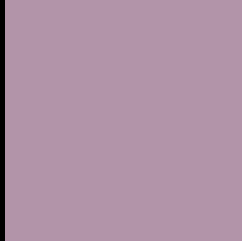
Large Text (above 18pt) WCAG AA × Fail

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 36.1114, 33.5094, 42.1008 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 36.1114, 33.5094, 42.1008

Background



This preview shows how black text looks on a background with the XYZ color 36.1114, 33.5094, 42.1008.



This preview shows how white text looks on a background with the XYZ color 36.1114, 33.5094,

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

36.1114, 33.5094, 42.1008

Protanopia

33.0460, 33.8015, 44.8270

Deuteranopia

34.2325, 33.4991, 41.7075



Tritanopia

35.3119, 33.4152, 38.3069

Trichromacy



Original Color

36.1114, 33.5094, 42.1008

Protanomaly

33.9419, 33.5476, 43.7161

Deuteranomaly

34.9291, 33.6183, 41.6938

Tritanomaly

35.5797, 33.5223, 39.7172

Monochromacy



Original Color

36.1114, 33.5094, 42.1008

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.0581, 34.1940, 39.4554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1114, 33.5094, 42.1008 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, 148, 169)` looks like.

```
.text, #text, p{  
    color:rgb(178, 148, 169)  
}
```

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, 148, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 148, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.1114, 33.5094, 42.1008 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, 148, 169) }
```


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

```
.border{ border-color:rgb(178, 148, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 148, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 148, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 148, 169);  
box-shadow:4px 4px 4px 4px rgb(178, 148,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1114, 33.5094, 42.1008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 148, 169) }
```

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

```
.background{ background-color: rgb(178,  
148, 169) }
```

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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