

Converting Colors

XYZ(36.1335, 34.2709, 29.5215)

Have a look what the booklet for
XYZ(36.1335, 34.2709, 29.5215)
contains.

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Color

**XYZ(36.1335, 34.2709,
29.5215)**

Conversions

Conversions Part 1

Format	Color
Hex	BB968C
RGB	187, 150, 140
RGB Percent	73%, 59%, 55%
CMY	0.2667, 0.4117, 0.4510
CMYK	0.00, 0.20, 0.25, 0.27
HSL	13°, 26%, 64%
HSV	13°, 25%, 73%
XYZ	36.1335, 34.2709, 29.5215
YIQ	159.9230, 25.2620, 4.7340

Conversions

Conversions Part 2

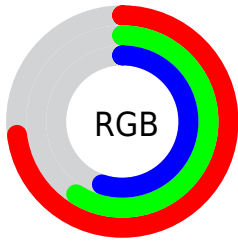
Format	Color
R _Y B	187, 153, 140
Decimal	12293772
CIE Lab	65.18, 12.31, 10.51
CIE LCh	65, 16.188, 40.503
Yxy	34.2709, 0.3616, 0.3430
Android (android.graphics.Color)	4290483852 (0xFFBB968C)
YUV	159.9230, -9.8220, 23.7465
Hunter-Lab	58.5414, 7.7283, 11.0799

Details

The XYZ color **36.1335, 34.2709, 29.5215** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.5067, 40.6066, 52.9804**, and the grayscale version is **33.4145, 35.1547, 38.2835**.

A 20% lighter version of the original color is **68.6387, 66.3139, 60.2211**, and **15.9802, 14.6484, 11.6580** is the 20% darker color. If you saturate the color by 10%, you get **32.6671, 29.3602, 22.1315**, and if you desaturate by 10%, it is **40.1312, 39.8687, 38.2455**.

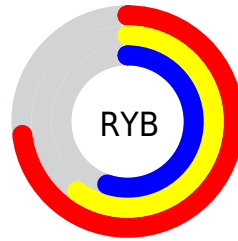
Distribution



Red (73%)

Green (59%)

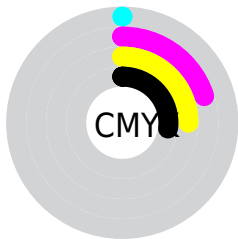
Blue (55%)



Red (73%)

Yellow (60%)

Blue (55%)

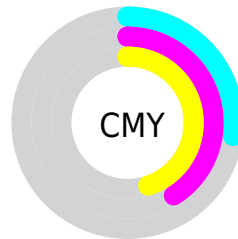


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (27%)



Cyan (27%)


Magenta (41%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1335, 34.2709, 29.5215 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 36.1335, 34.2709, 29.5215 by changing the saturation by 10% instead.


 36.1335, 34.2709,
29.5215


 36.1335, 34.2709,
29.5215

320.9647,
321.3383, 313.8052


 24.7079, 23.1018,
19.2267


 68.5606, 66.3547,
59.9567

 15.9871, 14.6687,
11.6557


 90.2928, 88.0382,
80.9341

 9.6058, 8.5872,
6.3900


 116.1913,
113.9953, 106.3096

 5.1987, 4.4729,
3.0111

146.6213,
144.6104, 136.5015

 2.4002, 1.9415,
1.1003

181.9483,
180.2678, 171.9285

 0.8452, 0.5731,
0.0000

222.5377,

 0.0000, 0.0000,

221.3520, 213.0091

0.0000

268.7547,
268.2474, 260.1618

■ 36.1335, 34.2709,
29.5215

■ 36.1335, 34.2709,
29.5215

■ 32.6671, 29.3602,
22.1315

■ 40.1312, 39.8687,
38.2455

■ 29.7064, 25.1053,
16.0074

■ 44.6788, 46.1739,
48.3627

■ 27.2280, 21.4795,
11.0781

■ 49.7974, 53.2118,
59.9314

■ 25.2054, 18.4523,
7.2648

■ 55.5060, 61.0052,
73.0060

■ 23.6091, 15.9909,
4.4791

■ 61.8228, 69.5756,
87.6380

■ 22.4064, 14.0588,
2.6188

■ 68.7653, 78.9440,
103.8764

■ 21.5586, 12.6150,
1.5600

■ 73.6829, 88.0634,
107.7222

■ 21.2457, 12.0690,
1.2098

■ 74.3036, 89.3049,
107.9291

Harmonies

Analogous

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



37.2241, 34.2709, 35.0043



36.1335, 34.2709, 29.5215



34.1058, 34.2709, 26.3920

Triad

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



36.1335, 34.2709, 29.5215



28.4948, 34.2709, 33.1584



33.4046, 34.2709, 51.5490

Complementary

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



36.1335, 34.2709, 29.5215



35.5067, 40.6066, 52.9804

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.



31.0877, 34.2709, 50.8999



36.1335, 34.2709, 29.5215



28.3273, 34.2709, 39.7256

Square

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



36.1335, 34.2709, 29.5215



29.7244, 34.2709, 28.3104



29.2553, 34.2709, 46.3724



35.5990, 34.2709, 48.0517

Rectangle

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



36.1335, 34.2709, 29.5215



32.5338, 34.2709, 25.8074



29.2553, 34.2709, 46.3724



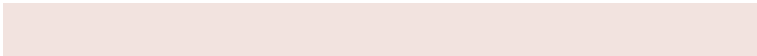
32.6132, 34.2709, 51.8179

Sweetspot

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



36.1344, 34.2725, 29.5222



77.4732, 79.1775, 80.9197



37.8677, 32.5197, 46.1906



16.7850, 17.0540, 17.2047



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.1344, 34.2725, 29.5222



61.2773, 56.5237, 45.5003



40.1519, 42.3074, 30.8614



9.6904, 9.8567, 9.9684



14.6823, 8.4034, 0.8482



0.6238, 0.4265, 0.0494

Inverse Universe

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



35.5067, 40.6066, 52.9804



59.9599, 69.7436, 94.5030



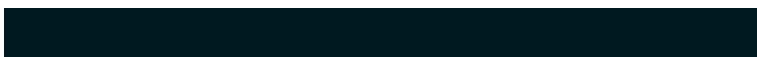
31.3574, 32.3080, 51.5973



9.6316, 10.4554, 12.1827



13.4444, 17.0005, 34.9657



0.5705, 0.7537, 1.3843

Previews

White Background



This preview shows how the XYZ color 36.1335, 34.2709, 29.5215 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 36.1335, 34.2709, 29.5215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

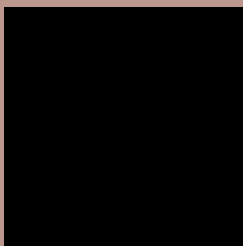
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1335, 34.2709, 29.5215

Background



This preview shows how black text looks on a background with the XYZ color 36.1335, 34.2709, 29.5215.



This preview shows how white text looks on a background with the XYZ color 36.1335, 34.2709,

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

36.1335, 34.2709, 29.5215

Protanopia

32.7780, 34.4667, 31.3107

Deuteranopia

35.1809, 34.4997, 29.6158



Tritanopia

37.6780, 34.1895, 37.4143

Trichromacy



Original Color

36.1335, 34.2709, 29.5215

Protanomaly

33.9129, 34.3101, 30.8217

Deuteranomaly

35.4903, 34.4172, 29.5836

Tritanomaly

36.9964, 34.1382, 34.3452

Monochromacy



Original Color

36.1335, 34.2709, 29.5215

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2158, 34.6229, 35.0165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1335, 34.2709, 29.5215 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(187, 150, 140)` looks like.

```
.text, #text, p{  
    color:rgb(187, 150, 140)  
}
```

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(187, 150, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 150, 140) }
```

Border

The CSS property to change the border of an element to XYZ 36.1335, 34.2709, 29.5215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

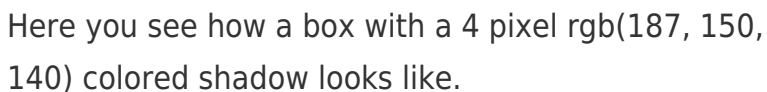
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 150, 140) }
```


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

```
.border{ border-color:rgb(187, 150, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 150, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 150, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 150, 140);  
box-shadow:4px 4px 4px 4px rgb(187, 150,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1335, 34.2709, 29.5215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 150, 140) }
```

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

```
.background{ background-color: rgb(187,  
150, 140) }
```

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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