

Converting Colors

XYZ(36.1745, 30.4025, 36.8154)

Have a look what the booklet for
XYZ(36.1745, 30.4025, 36.8154)
contains.

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Color

**XYZ(36.1314, 30.3546,
36.7556)**

Conversions

Conversions Part 1

Format	Color
Hex	BF859F
RGB	191, 133, 159
RGB Percent	75%, 52%, 62%
CMY	0.2510, 0.4784, 0.3765
CMYK	0.00, 0.30, 0.17, 0.25
HSL	333°, 31%, 64%
HSV	333°, 30%, 75%
XYZ	36.1314, 30.3546, 36.7556
YIQ	153.3060, 26.2220, 20.3820

Conversions

Conversions Part 2

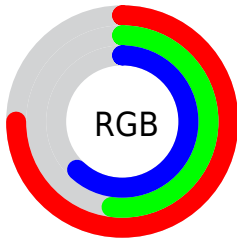
Format	Color
R_{YB}	191, 133, 159
Decimal	12551583
CIE _{Lab}	61.96, 26.17, -4.85
CIE _{LCh}	62, 26.618, 349.512
Yxy	30.3546, 0.3500, 0.2940
Android (android.graphics.Color)	4290741663 (0xFFBF859F)
YUV	153.3060, 2.8071, 33.0576
Hunter-Lab	55.0950, 20.6443, -0.9877

Details

The XYZ color **36.1314, 30.3546, 36.7556** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0965, 44.9656, 42.4288**, and the grayscale version is **30.3924, 31.9752, 34.8210**.

A 20% lighter version of the original color is **68.6193, 60.3521, 71.6508**, and **16.1166, 12.5876, 15.7676** is the 20% darker color. If you saturate the color by 10%, you get **32.8746, 25.2423, 31.3488**, and if you desaturate by 10%, it is **39.9435, 36.4518, 42.7329**.

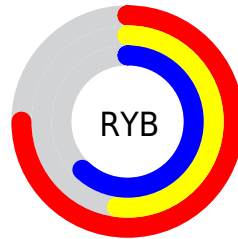
Distribution



Red (75%)

Green (52%)

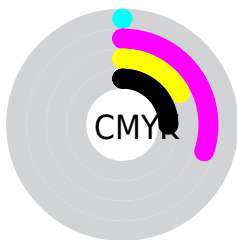
Blue (62%)



Red (75%)

Yellow (52%)

Blue (62%)

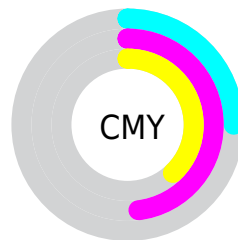


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1314, 30.3546, 36.7556 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 36.1314, 30.3546, 36.7556 by changing the saturation by 10% instead.


 36.1314, 30.3546,
36.7556


 36.1314, 30.3546,
36.7556


320.9557,
303.5538, 347.3880


 24.7063, 20.1079,
24.7240


 68.5574, 60.2225,
71.3789

 15.9859, 12.4735,
15.6544


 90.2889, 80.6125,
94.8076

 9.6050, 7.0670,
9.1282


 116.1867,
105.1524, 122.8725

 5.1981, 3.5040,
4.7270

146.6160,
134.2265, 155.9921

 2.3999, 1.4002,
2.0321

181.9422,
168.2194, 194.5849

 0.8451, 0.2169,
0.5749

222.5306,

 0.0000, 0.0000,

207.5153, 239.0694

0.0000

268.7467,
252.4986, 289.8643

■ 36.1314, 30.3546,
36.7556

■ 36.1314, 30.3546,
36.7556

■ 32.8746, 25.2423,
31.3488

■ 39.9435, 36.4518,
42.7329

■ 30.1426, 21.0585,
26.4918

■ 44.3338, 43.5781,
49.2965

■ 27.9061, 17.7471,
22.1652


■ 49.3274, 51.7803,
56.4641


■ 26.1315, 15.2445,
18.3475


■ 54.9469, 61.1007,
64.2518

■ 24.7810, 13.4782,
15.0152


■ 61.2136, 71.5795,
72.6750


 23.8097, 12.3626,
12.1420

 68.1481, 83.2550,
81.7488

 23.1503, 11.7421,
9.7692

 71.9213, 88.4666,
90.2046

 73.4705, 89.0862,
98.3625

 75.1111, 89.7425,
107.0019

Harmonies

Analogous

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



34.3859, 30.3546, 47.5095



36.1314, 30.3546, 36.7556



35.8080, 30.3546, 26.9169

Triad

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



36.1314, 30.3546, 36.7556



26.6212, 30.3546, 17.7830



24.6246, 30.3546, 50.3465

Complementary

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



36.1314, 30.3546, 36.7556



35.0965, 44.9656, 42.4288

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.



22.8593, 30.3546, 40.0526



36.1314, 30.3546, 36.7556



23.9446, 30.3546, 21.8710

Square

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



36.1314, 30.3546, 36.7556



30.1172, 30.3546, 17.2593



22.6211, 30.3546, 29.6041



27.6210, 30.3546, 56.3618

Rectangle

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



36.1314, 30.3546, 36.7556



34.4704, 30.3546, 22.0662



22.6211, 30.3546, 29.6041



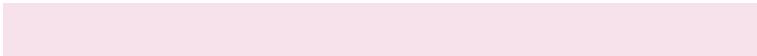
23.8784, 30.3546, 47.1839

Sweetspot

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



36.1323, 30.3560, 36.7562



80.4356, 79.7382, 89.7997



33.2890, 28.5268, 53.0423



17.3895, 17.0630, 19.3197



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.



36.1323, 30.3560, 36.7562



60.9783, 48.4827, 59.7024



34.5107, 30.3514, 26.2315



9.7031, 9.6055, 10.8256



15.2533, 7.7325, 6.6275



0.6305, 0.3161, 0.4332

Inverse Universe

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



36.1323, 30.3560, 36.7562



60.9783, 48.4827, 59.7024



37.0824, 44.7581, 55.9753



9.7031, 9.6055, 10.8256



15.2533, 7.7325, 6.6275



0.6305, 0.3161, 0.4332

Previews

White Background



This preview shows how the XYZ color 36.1314, 30.3546, 36.7556 looks on a white background.

Color Contrast Check

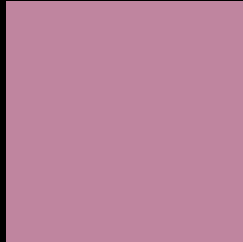
Large Text (above 18pt) WCAG AA × Fail

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 36.1314, 30.3546, 36.7556 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 36.1314, 30.3546, 36.7556

Background



This preview shows how black text looks on a background with the XYZ color 36.1314, 30.3546, 36.7556.



This preview shows how white text looks on a background with the XYZ color 36.1314, 30.3546,

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

36.1314, 30.3546, 36.7556

Protanopia

29.9415, 30.5625, 41.8572

Deuteranopia

31.2650, 30.6735, 36.1710



Tritanopia

34.8385, 30.2221, 31.1914

Trichromacy



Original Color

36.1314, 30.3546, 36.7556

Protanomaly

31.7182, 30.1481, 39.7447

Deuteranomaly

32.9300, 30.4026, 36.4804

Tritanomaly

35.3462, 30.2317, 33.2505

Monochromacy



Original Color

36.1314, 30.3546, 36.7556

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.1316, 31.1398, 35.3274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1314, 30.3546, 36.7556 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(191, 133, 159)` looks like.

```
.text, #text, p{  
    color:rgb(191, 133, 159)  
}
```

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(191, 133, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 133, 159) }
```

Border

The CSS property to change the border of an element to XYZ 36.1314, 30.3546, 36.7556 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(191, 133, 159) }
```


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

```
.border{ border-color:rgb(191, 133, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 133, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 133, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 133, 159);  
box-shadow:4px 4px 4px 4px rgb(191, 133,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1314, 30.3546, 36.7556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 133, 159) }
```

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

```
.background{ background-color: rgb(191,  
133, 159) }
```

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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