

Converting Colors

XYZ(35.8591, 30.4534, 34.3759)

Have a look what the booklet for
XYZ(35.8591, 30.4534, 34.3759)
contains.

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Color

**XYZ(35.8437, 30.4597,
34.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	BF869A
RGB	191, 134, 154
RGB Percent	75%, 53%, 60%
CMY	0.2510, 0.4745, 0.3961
CMYK	0.00, 0.30, 0.19, 0.25
HSL	339°, 31%, 64%
HSV	339°, 30%, 75%
XYZ	35.8437, 30.4597, 34.5620
YIQ	153.3230, 27.5520, 18.3040

Conversions

Conversions Part 2

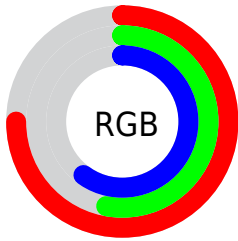
Format	Color
RYB	191, 134, 154
Decimal	12551834
CIELab	62.05, 24.82, -1.86
CIELCh	62, 24.891, 355.708
Yxy	30.4597, 0.3554, 0.3020
Android (android.graphics.Color)	4290741914 (0xFFBF869A)
YUV	153.3230, 0.3338, 33.0427
Hunter-Lab	55.1903, 19.3449, 1.5039

Details

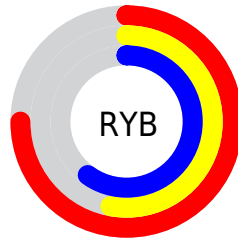
The XYZ color **35.8437, 30.4597, 34.5620** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8143, 45.2710, 45.3809**, and the grayscale version is **30.4099, 31.9936, 34.8410**.

A 20% lighter version of the original color is **68.0798, 60.4770, 67.7595**, and **15.7718, 12.5542, 14.4239** is the 20% darker color. If you saturate the color by 10%, you get **32.4585, 25.2573, 28.5991**, and if you desaturate by 10%, it is **39.8141, 36.6612, 41.2470**.

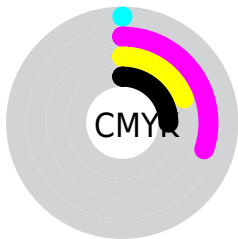
Distribution



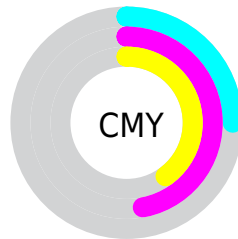
- Red (75%)
- Green (53%)
- Blue (60%)



- Red (75%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (25%)





- Cyan (25%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8437, 30.4597, 34.5620 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 35.8437, 30.4597, 34.5620 by changing the saturation by 10% instead.


 35.8437, 30.4597,
34.5620


 35.8437, 30.4597,
34.5620


319.7200,
304.0414, 337.4761


 24.4831, 20.1878,
23.0448


 68.1162, 60.3884,
67.9505

 15.8190, 12.5316,
14.4210


 89.7588, 80.8140,
90.6590

 9.4862, 7.1068,
8.2720


 115.5594,
105.3929, 117.9349

 5.1193, 3.5290,
4.1792

145.8833,
134.5095, 150.1969

 2.3529, 1.4137,
1.7242

181.0960,
168.5483, 187.8635

 0.8215, 0.2268,
0.3772

221.5628,

 0.0000, 0.0000,

207.8936, 231.3532

0.0000

267.6490,
252.9298, 281.0845

■ 35.8437, 30.4597,
34.5620

■ 35.8437, 30.4597,
34.5620

■ 32.4585, 25.2573,
28.5991

■ 39.8141, 36.6612,
41.2470

■ 29.6270, 20.9970,
23.3309

■ 44.3939, 43.9061,
48.6763

■ 27.3186, 17.6227,
18.7308


■ 49.6092, 52.2416,
56.8736


■ 25.4985, 15.0706,
14.7697


■ 55.4835, 61.7102,
65.8608


■ 24.1273, 13.2679,
11.4158


■ 62.0395, 72.3527,
75.6589

 23.1592, 12.1294,
8.6340


 69.2983, 84.2074,
86.2882

 22.5086, 11.4908,
6.3745

 73.0925, 88.9350,
96.3721

 22.4994, 11.4818,
6.3420

 75.0065, 89.7006,
106.4510

 75.2960, 89.8164,
107.9755

Harmonies

Analogous

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



34.5914, 30.4597, 44.6528



35.8437, 30.4597, 34.5620



35.1358, 30.4597, 25.8054

Triad

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



35.8437, 30.4597, 34.5620



26.2519, 30.4597, 19.1930



25.4792, 30.4597, 50.8127

Complementary

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



35.8437, 30.4597, 34.5620



35.8143, 45.2710, 45.3809

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.



23.5383, 30.4597, 41.8066



35.8437, 30.4597, 34.5620



23.9598, 30.4597, 23.8393

Square

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



35.8437, 30.4597, 34.5620



29.4347, 30.4597, 17.9899



23.0040, 30.4597, 31.8070



28.4727, 30.4597, 55.1115

Rectangle

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



35.8437, 30.4597, 34.5620



33.6744, 30.4597, 21.6591



23.0040, 30.4597, 31.8070



24.6913, 30.4597, 48.1602

Sweetspot

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



35.8446, 30.4611, 34.5626



80.1240, 79.6135, 88.1588



34.5294, 29.3706, 53.1397



17.3110, 17.0316, 18.9064



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.



35.8446, 30.4611, 34.5626



60.0046, 48.0932, 54.5749



35.4036, 32.0263, 26.8718



9.6647, 9.5902, 10.6232



14.8211, 7.5596, 4.3514



0.6120, 0.3087, 0.3360

Inverse Universe

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



35.8446, 30.4611, 34.5626



60.0046, 48.0932, 54.5749



36.2527, 42.8630, 55.6531



9.6647, 9.5902, 10.6232



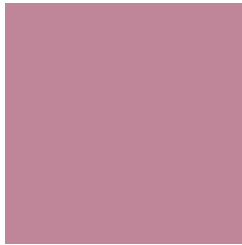
14.8211, 7.5596, 4.3514



0.6120, 0.3087, 0.3360

Previews

White Background



This preview shows how the XYZ color 35.8437, 30.4597, 34.5620 looks on a white background.

Color Contrast Check

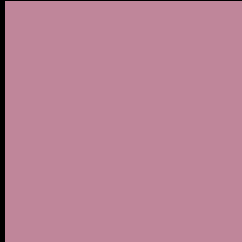
Large Text (above 18pt) WCAG AA × Fail

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 35.8437, 30.4597, 34.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

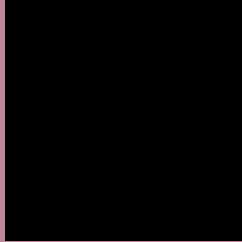
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8437, 30.4597, 34.5620

Background



This preview shows how black text looks on a background with the XYZ color 35.8437, 30.4597, 34.5620.



This preview shows how white text looks on a background with the XYZ color 35.8437, 30.4597,

34.5620.

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

35.8437, 30.4597, 34.5620

Protanopia

29.7527, 30.5288, 38.9748

Deuteranopia

31.2562, 30.7173, 33.9874



Tritanopia

35.0875, 30.3504, 31.2030

Trichromacy



Original Color

35.8437, 30.4597, 34.5620

Protanomaly

31.6283, 30.3771, 37.4541

Deuteranomaly

32.8783, 30.6446, 34.3191

Tritanomaly

35.3240, 30.4450, 32.4485

Monochromacy



Original Color

35.8437, 30.4597, 34.5620

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.9650, 31.0732, 34.4500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8437, 30.4597, 34.5620 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, 134, 154)` looks like.

```
.text, #text, p{  
    color:rgb(191, 134, 154)  
}
```

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, 134, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 134, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.8437, 30.4597, 34.5620 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, 134, 154) }
```


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

```
.border{ border-color:rgb(191, 134, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 134, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 134, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 134, 154);  
box-shadow:4px 4px 4px 4px rgb(191, 134,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8437, 30.4597, 34.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 134, 154) }
```

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

```
.background{ background-color: rgb(191,  
134, 154) }
```

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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