

Converting Colors

XYZ(36.6871, 34.9726, 25.8643)

Have a look what the booklet for
XYZ(36.6871, 34.9726, 25.8643)
contains.

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Color

**XYZ(36.5817, 34.8213,
25.9122)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9782
RGB	191, 151, 130
RGB Percent	75%, 59%, 51%
CMY	0.2510, 0.4078, 0.4902
CMYK	0.00, 0.21, 0.32, 0.25
HSL	21°, 32%, 63%
HSV	21°, 32%, 75%
XYZ	36.5817, 34.8213, 25.9122
YIQ	160.5660, 30.5810, 1.9490

Conversions

Conversions Part 2

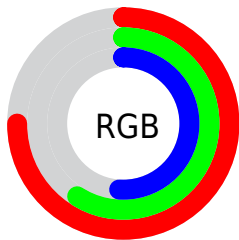
Format	Color
RYB	191, 162, 130
Decimal	12556162
CIELab	65.61, 11.94, 16.77
CIELCh	66, 20.581, 54.549
Yxy	34.8213, 0.3759, 0.3578
Android (android.graphics.Color)	4290746242 (0xFFBF9782)
YUV	160.5660, -15.0690, 26.6906
Hunter-Lab	59.0096, 7.3904, 15.2714

Details

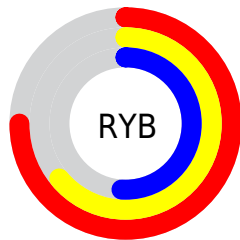
The XYZ color **36.5817, 34.8213, 25.9122** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.9841, 37.2555, 54.7428**, and the grayscale version is **33.7334, 35.4902, 38.6488**.

A 20% lighter version of the original color is **69.0900, 67.0380, 54.0979**, and **16.1957, 14.9427, 9.8152** is the 20% darker color. If you saturate the color by 10%, you get **33.5074, 30.5374, 19.1387**, and if you desaturate by 10%, it is **40.1099, 39.6319, 34.0119**.

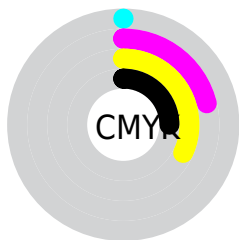
Distribution



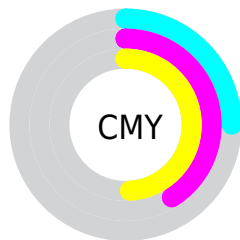
- Red (75%)
- Green (59%)
- Blue (51%)



- Red (75%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (25%)





- Cyan (25%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5817, 34.8213, 25.9122 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 36.5817, 34.8213, 25.9122 by changing the saturation by 10% instead.

 36.5817, 34.8213,
25.9122


 36.5817, 34.8213,
25.9122


322.8830,
323.7789, 295.9426


 25.0560, 23.5253,
16.5328


 69.2470, 67.2088,
54.1156

 16.2477, 14.9818,
9.7435


 91.1173, 89.0691,
73.7767

 9.7916, 8.8066,
5.1259


 117.1664,
115.2196, 97.7021

 5.3222, 4.6153,
2.2613

147.7598,
146.0447, 126.3103

 2.4742, 2.0233,
0.7094

183.2628,
181.9288, 160.0200

 0.8823, 0.6210,
0.0000

224.0408,

 0.0000, 0.0000,

223.2562, 199.2495

0.0000

270.4591,
270.4114, 244.4175

■ 36.5817, 34.8213,
25.9122

■ 36.5817, 34.8213,
25.9122

■ 33.5074, 30.5374,
19.1387

■ 40.1099, 39.6319,
34.0119

■ 30.8645, 26.7567,
13.6175

■ 44.1079, 44.9819,
43.5018

■ 28.6324, 23.4610,
9.2709


■ 48.5940, 50.8897,
54.4445


■ 26.7875, 20.6292,
6.0111


■ 53.5848, 57.3711,
66.8979


■ 25.3036, 18.2382,
3.7382


■ 59.0958, 64.4417,
80.9170


 24.1501, 16.2624,
2.3332

 65.1421, 72.1160,
96.5538

 23.4205, 14.9456,
1.6504

 70.3052, 79.8351,
106.3120

 74.0928, 87.4102,
107.5745

 75.2958, 89.8164,
107.9755

Harmonies

Analogous

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



38.6670, 34.8213, 31.4137



36.5817, 34.8213, 25.9122



33.6515, 34.8213, 23.6468

Triad

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



36.5817, 34.8213, 25.9122



27.6438, 34.8213, 36.3558



35.5693, 34.8213, 55.1509

Complementary

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



36.5817, 34.8213, 25.9122



32.9841, 37.2555, 54.7428

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.



32.5478, 34.8213, 57.0054



36.5817, 34.8213, 25.9122



28.0886, 34.8213, 45.2554

Square

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



36.5817, 34.8213, 25.9122



28.5862, 34.8213, 29.0601



29.8402, 34.8213, 53.1466



38.0581, 34.8213, 48.4062

Rectangle

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



36.5817, 34.8213, 25.9122



31.6586, 34.8213, 23.9829



29.8402, 34.8213, 53.1466



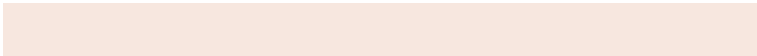
34.5775, 34.8213, 56.4061

Sweetspot

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



36.5826, 34.8229, 25.9129



80.3616, 82.3706, 81.2038



36.7876, 29.9695, 42.2077



17.4065, 17.7696, 17.2518



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.



36.5826, 34.8229, 25.9129



61.7610, 57.1502, 38.0678



42.0052, 45.6682, 27.7205



9.7916, 10.0591, 10.0022



15.4599, 9.9586, 1.1074



0.6675, 0.5140, 0.0640

Inverse Universe

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



32.9841, 37.2555, 54.7428



54.3436, 62.1375, 97.4087



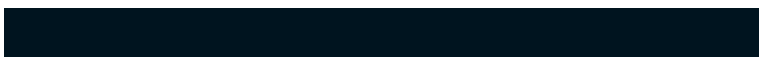
28.0127, 27.3127, 53.0856



9.5245, 10.2413, 12.1470



11.0964, 12.3046, 34.1831



0.4934, 0.5994, 1.3585

Previews

White Background



This preview shows how the XYZ color 36.5817, 34.8213, 25.9122 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 36.5817, 34.8213, 25.9122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

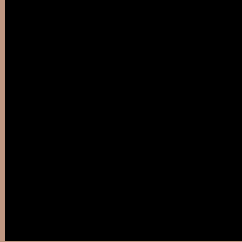
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5817, 34.8213, 25.9122

Background



This preview shows how black text looks on a background with the XYZ color 36.5817, 34.8213, 25.9122.



This preview shows how white text looks on a background with the XYZ color 36.5817, 34.8213,

25.9122.

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

36.5817, 34.8213, 25.9122

Protanopia

32.8497, 34.8423, 27.5481

Deuteranopia

35.4281, 34.7085, 25.9512



Tritanopia

38.8534, 34.8054, 37.0181

Trichromacy



Original Color

36.5817, 34.8213, 25.9122

Protanomaly

34.0266, 34.7005, 27.0948

Deuteranomaly

35.7510, 34.6330, 25.9196

Tritanomaly

37.9275, 34.6554, 32.7071

Monochromacy



Original Color

36.5817, 34.8213, 25.9122

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5752, 35.0866, 33.8042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5817, 34.8213, 25.9122 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, 151, 130)` looks like.

```
.text, #text, p{  
    color:rgb(191, 151, 130)  
}
```

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, 151, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 151, 130) }
```

Border

The CSS property to change the border of an element to XYZ 36.5817, 34.8213, 25.9122 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, 151, 130) }
```


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

```
.border{ border-color:rgb(191, 151, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 151, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 151, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 151, 130);  
box-shadow:4px 4px 4px 4px rgb(191, 151,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5817, 34.8213, 25.9122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 151, 130) }
```

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

```
.background{ background-color: rgb(191,  
151, 130) }
```

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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