

Converting Colors

XYZ(34.8304, 35.1731, 25.2035)

Have a look what the booklet for
XYZ(34.8304, 35.1731, 25.2035)
contains.

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Color

**XYZ(34.8408, 35.1592,
25.3722)**

Conversions

Conversions Part 1

Format	Color
Hex	B59C80
RGB	181, 156, 128
RGB Percent	71%, 61%, 50%
CMY	0.2902, 0.3882, 0.4980
CMYK	0.00, 0.14, 0.29, 0.29
HSL	32°, 26%, 61%
HSV	32°, 29%, 71%
XYZ	34.8408, 35.1592, 25.3722
YIQ	160.2830, 23.8880, -3.4080

Conversions

Conversions Part 2

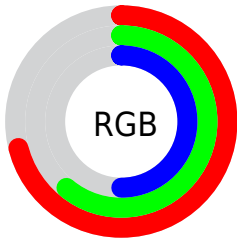
Format	Color
RYB	175, 181, 128
Decimal	11902080
CIELab	65.87, 4.94, 18.09
CIElCh	66, 18.749, 74.724
Yxy	35.1592, 0.3653, 0.3687
Android (android.graphics.Color)	4290092160 (0xFFB59C80)
YUV	160.2830, -15.9155, 18.1688
Hunter-Lab	59.2952, 1.1168, 16.1367

Details

The XYZ color **34.8408, 35.1592, 25.3722** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.6335, 30.7070, 48.1340**, and the grayscale version is **33.6084, 35.3586, 38.5056**.

A 20% lighter version of the original color is **66.3121, 67.4339, 53.2371**, and **15.2153, 15.1797, 9.5252** is the 20% darker color. If you saturate the color by 10%, you get **32.3719, 31.9608, 19.1866**, and if you desaturate by 10%, it is **37.6248, 38.6473, 32.7121**.

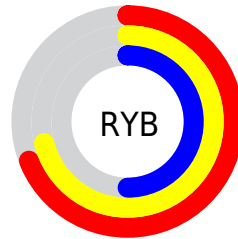
Distribution



Red (71%)

Green (61%)

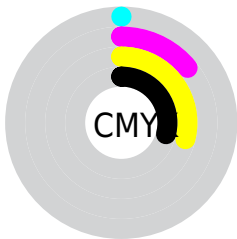
Blue (50%)



Red (69%)

Yellow (71%)

Blue (50%)

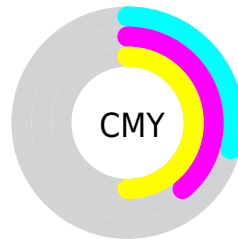


Cyan (0%)

Magenta (14%)

Yellow (29%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8408, 35.1592, 25.3722 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 34.8408, 35.1592, 25.3722 by changing the saturation by 10% instead.


 34.8408, 35.1592,
25.3722


 34.8408, 35.1592,
25.3722


315.3854,
325.2705, 293.1933


 23.7062, 23.7855,
16.1330


 66.5747, 67.7323,
53.2320

 15.2394, 15.1746,
9.4630


 87.9048, 89.7006,
72.6897

 9.0750, 8.9420,
4.9435


 113.3640,
115.9691, 96.3907

 4.8476, 4.7034,
2.1560

143.3177,
146.9224, 124.7534

 2.1920, 2.0743,
0.6488

178.1314,
182.9448, 158.1965

 0.7385, 0.6501,
0.0000

218.1704,

 0.0000, 0.0000,

224.4206, 197.1385

0.0000

263.7999,
271.7344, 241.9979

■ 34.8408, 35.1592,
25.3722

■ 34.8408, 35.1592,
25.3722

■ 32.3719, 31.9608,
19.1866

■ 37.6248, 38.6473,
32.7121

■ 30.2019, 29.0385,
14.0929

■ 40.7336, 42.4283,
41.2600

■ 28.3174, 26.3848,
10.0262

■ 44.1798, 46.5116,
51.0686

■ 26.7024, 23.9899,
6.9136

■ 47.9745, 50.9048,
62.1870

■ 25.3391, 21.8429,
4.6724

■ 52.1282, 55.6149,
74.6616

■ 24.2069, 19.9318,
3.2056

■ 56.6509, 60.6488,
88.5364

■ 23.2689, 18.2380,
2.3312

■ 61.5524, 66.0132,
103.8537

■ 23.2058, 18.1232,
2.2751

■ 63.8414, 70.5144,
104.8536

■ 66.1976, 75.2268,
105.6390

Harmonies

Analogous

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



37.3467, 35.1592, 28.5202



34.8408, 35.1592, 25.3722



32.0822, 35.1592, 25.3433

Triad

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



34.8408, 35.1592, 25.3722



28.5266, 35.1592, 42.2918



37.3077, 35.1592, 50.1754

Complementary

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



34.8408, 35.1592, 25.3722



28.6335, 30.7070, 48.1340

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.



34.7899, 35.1592, 55.0118



34.8408, 35.1592, 25.3722



29.7745, 35.1592, 50.0511

Square

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



34.8408, 35.1592, 25.3722



28.5385, 35.1592, 34.4024



32.0340, 35.1592, 54.9634



38.8237, 35.1592, 42.4436

Rectangle

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



34.8408, 35.1592, 25.3722



30.4747, 35.1592, 27.0639



32.0340, 35.1592, 54.9634



36.5445, 35.1592, 52.2382

Sweetspot

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



34.8417, 35.1608, 25.3729



73.0296, 76.0801, 74.1106



32.5764, 27.5829, 34.0121



15.6033, 16.2261, 15.5122



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.



34.8417, 35.1608, 25.3729



59.5485, 59.3007, 38.2242



39.2699, 44.3237, 26.9082



8.8556, 9.2237, 8.9661



16.0675, 12.6336, 1.5917



0.5634, 0.5132, 0.0694

Inverse Universe

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



28.6335, 30.7070, 48.1340



46.6562, 50.0534, 85.4968



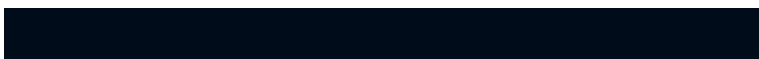
25.0956, 23.4330, 46.9165



8.3614, 8.8690, 10.7775



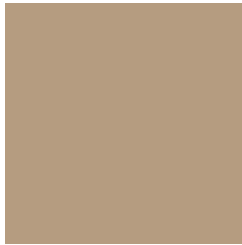
8.0774, 6.9552, 31.0538



0.3127, 0.3360, 0.9966

Previews

White Background



This preview shows how the XYZ color 34.8408, 35.1592, 25.3722 looks on a white background.

Color Contrast Check

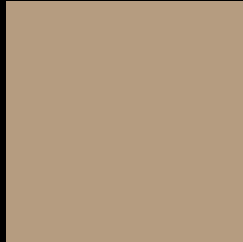
Large Text (above 18pt) WCAG AA × Fail

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 34.8408, 35.1592, 25.3722 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 34.8408, 35.1592, 25.3722

Background



This preview shows how black text looks on a background with the XYZ color 34.8408, 35.1592, 25.3722.



This preview shows how white text looks on a background with the XYZ color 34.8408, 35.1592,

25.3722.

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

34.8408, 35.1592, 25.3722

Protanopia

33.1776, 35.2994, 26.1839

Deuteranopia

35.9454, 35.2345, 25.3285



Tritanopia

37.6851, 35.0918, 39.4375

Trichromacy



Original Color

34.8408, 35.1592, 25.3722

Protanomaly

33.8161, 35.3799, 25.8156

Deuteranomaly

35.6252, 35.3155, 25.3610

Tritanomaly

36.6634, 35.1748, 33.7112

Monochromacy



Original Color

34.8408, 35.1592, 25.3722

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.8919, 35.2592, 33.0364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8408, 35.1592, 25.3722 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(181, 156, 128)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 128)  
}
```

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(181, 156, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 128) }
```

Border

The CSS property to change the border of an element to XYZ 34.8408, 35.1592, 25.3722 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(181, 156, 128) }
```


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

```
.border{ border-color:rgb(181, 156, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 156, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 128);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8408, 35.1592, 25.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 128) }
```

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

```
.background{ background-color: rgb(181,  
156, 128) }
```

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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