

Converting Colors

XYZ(41.9979, 38.4980, 33.3664)

Have a look what the booklet for
XYZ(41.9979, 38.4980, 33.3664)
contains.

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Color

**XYZ(41.9685, 38.4182,
33.2204)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9B94
RGB	204, 155, 148
RGB Percent	80%, 61%, 58%
CMY	0.2000, 0.3921, 0.4196
CMYK	0.00, 0.24, 0.27, 0.20
HSL	8°, 35%, 69%
HSV	8°, 27%, 80%
XYZ	41.9685, 38.4182, 33.2204
YIQ	168.8530, 31.4510, 8.2110

Conversions

Conversions Part 2

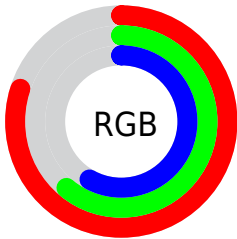
Format	Color
R_{YB}	204, 156, 148
Decimal	13409172
CIE _{Lab}	68.33, 17.26, 10.75
CIE _{LCh}	68, 20.336, 31.917
Yxy	38.4182, 0.3694, 0.3382
Android (android.graphics.Color)	4291599252 (0xFFCC9B94)
YUV	168.8530, -10.2805, 30.8239
Hunter-Lab	61.9824, 12.3937, 11.6103

Details

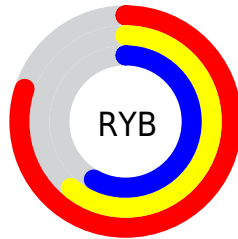
The XYZ color **41.9685, 38.4182, 33.2204** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0775, 50.5864, 64.6207**, and the grayscale version is **37.6786, 39.6408, 43.1689**.

A 20% lighter version of the original color is **74.9473, 71.6175, 65.7505**, and **19.5024, 17.1533, 13.5923** is the 20% darker color. If you saturate the color by 10%, you get **37.7400, 32.3214, 24.5342**, and if you desaturate by 10%, it is **46.9228, 45.5106, 43.5533**.

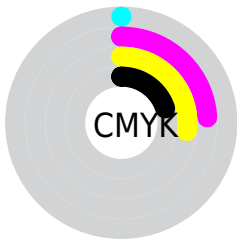
Distribution



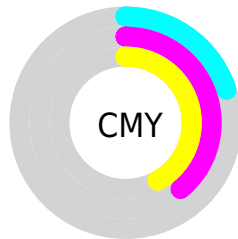
- Red (80%)
- Green (61%)
- Blue (58%)



- Red (80%)
- Yellow (61%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (27%)
- Black (20%)





- Cyan (20%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9685, 38.4182, 33.2204 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 41.9685, 38.4182, 33.2204 by changing the saturation by 10% instead.


 41.9685, 38.4182,
33.2204


 41.9685, 38.4182,
33.2204


345.3462,
339.4105, 331.3041

 29.2676, 26.3074,
22.0228


 77.4174, 72.7487,
65.8394

 19.4287, 17.0538,
13.6752

 100.8962, 95.7372,
88.0980

 12.0863, 10.2728,
7.7590


128.6983,
123.1204, 114.8807

 6.8751, 5.5802,
3.8555

161.1890,
155.2826, 146.6059

 3.4297, 2.5916,
1.5464

198.7339,
192.6084, 183.6924

 1.3849, 0.9224,
0.2522

241.6981,

 0.2454, 0.0000,

235.4820, 226.5585

0.0000

290.4471,
284.2880, 275.6229

■ 0.0000, 0.0000,
0.0000

■ 41.9685, 38.4182,
33.2204

■ 41.9685, 38.4182,
33.2204

■ 37.7400, 32.3214,
24.5342

■ 46.9228, 45.5106,
43.5533

■ 34.1999, 27.1703,
17.4073

■ 52.6316, 53.6347,
55.6096

■ 31.3126, 22.9192,
11.7477

■ 59.1259, 62.8316,
69.4637

■ 29.0374, 19.5160,
7.4530

■ 66.4339, 73.1383,
85.1853

■ 27.3295, 16.9034,
4.4071

■ 74.5827, 84.5901,
102.8401

■ 26.1374, 15.0171,
2.4751

■ 78.7119, 91.5774,
108.1354

■ 25.3964, 13.7807,
1.4707

■ 25.2607, 13.5549,
1.2850

Harmonies

Analogous

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



42.9896, 38.4182, 41.2465



41.9685, 38.4182, 33.2204



39.4771, 38.4182, 28.1774

Triad

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



41.9685, 38.4182, 33.2204



31.3706, 38.4182, 34.1002



36.7208, 38.4182, 61.9400

Complementary

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



41.9685, 38.4182, 33.2204



43.0775, 50.5864, 64.6207

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.



33.7055, 38.4182, 59.3063



41.9685, 38.4182, 33.2204



30.7261, 38.4182, 42.4208

Square

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



41.9685, 38.4182, 33.2204



33.3700, 38.4182, 28.6310



31.5563, 38.4182, 51.8138



39.8524, 38.4182, 58.5684

Rectangle

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



41.9685, 38.4182, 33.2204



37.3839, 38.4182, 26.7483



31.5563, 38.4182, 51.8138



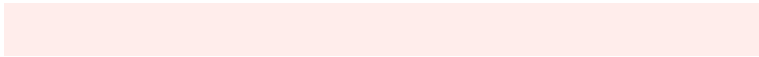
35.6604, 38.4182, 61.7264

Sweetspot

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



41.9695, 38.4200, 33.2212



86.5057, 87.8912, 90.7000



45.6237, 38.0702, 58.0480



18.1924, 18.3530, 18.7280



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.9695, 38.4200, 33.2212



65.1766, 57.3951, 46.0963



47.0848, 48.6506, 34.9263



11.3235, 11.4360, 11.6900



15.9368, 8.6065, 0.8213



0.8605, 0.5207, 0.0552

Inverse Universe

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



43.0775, 50.5864, 64.6207



67.3057, 80.8486, 106.6657



37.3872, 39.2058, 62.7239



11.4189, 12.4782, 14.3771



16.9883, 23.0005, 39.5004



0.9108, 1.2553, 2.0492

Previews

White Background



This preview shows how the XYZ color 41.9685, 38.4182, 33.2204 looks on a white background.

Color Contrast Check

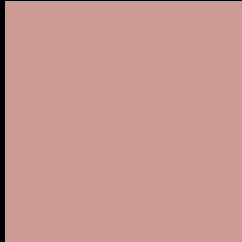
Large Text (above 18pt) WCAG AA × Fail

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 41.9685, 38.4182, 33.2204 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 41.9685, 38.4182, 33.2204

Background



This preview shows how black text looks on a background with the XYZ color 41.9685, 38.4182, 33.2204.



This preview shows how white text looks on a background with the XYZ color 41.9685, 38.4182,

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

41.9685, 38.4182, 33.2204

Protanopia

36.7025, 38.4898, 36.0667

Deuteranopia

39.2465, 38.5435, 32.9749



Tritanopia

43.5457, 38.5846, 40.2744

Trichromacy



Original Color

41.9685, 38.4182, 33.2204

Protanomaly

38.3550, 38.2980, 35.0765

Deuteranomaly

40.1703, 38.5050, 32.9188

Tritanomaly

42.9040, 38.5590, 37.5291

Monochromacy



Original Color

41.9685, 38.4182, 33.2204

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.9999, 39.0692, 39.2038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9685, 38.4182, 33.2204 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(204, 155, 148)` looks like.

```
.text, #text, p{  
    color:rgb(204, 155, 148)  
}
```

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(204, 155, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 155, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.9685, 38.4182, 33.2204 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(204, 155, 148) }
```


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

```
.border{ border-color:rgb(204, 155, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 155, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 155, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 155, 148);  
box-shadow:4px 4px 4px 4px rgb(204, 155,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9685, 38.4182, 33.2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 155, 148) }
```

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

```
.background{ background-color: rgb(204,  
155, 148) }
```

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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