

Converting Colors

XYZ(40.2226, 33.7747, 31.0278)

Have a look what the booklet for
XYZ(40.2226, 33.7747, 31.0278)
contains.

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Color

**XYZ(40.3559, 33.9195,
31.2082)**

Conversions

Conversions Part 1

Format	Color
Hex	D08B91
RGB	208, 139, 145
RGB Percent	82%, 55%, 57%
CMY	0.1843, 0.4549, 0.4314
CMYK	0.00, 0.33, 0.30, 0.18
HSL	355°, 42%, 68%
HSV	355°, 33%, 82%
XYZ	40.3559, 33.9195, 31.2082
YIQ	160.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

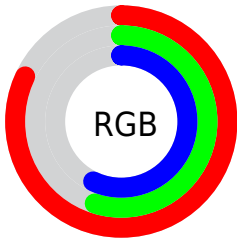
Format	Color
R _Y B	208, 139, 145
Decimal	13667217
CIE Lab	64.90, 27.10, 7.61
CIE LCh	65, 28.151, 15.693
Yxy	33.9195, 0.3826, 0.3216
Android (android.graphics.Color)	4291857297 (0xFFD08B91)
YUV	160.3150, -7.5503, 41.8197
Hunter-Lab	58.2404, 21.7652, 8.9977

Details

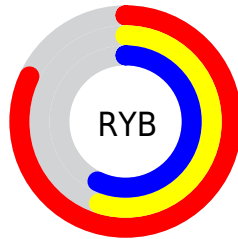
The XYZ color **40.3559, 33.9195, 31.2082** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8655, 54.8658, 64.1582**, and the grayscale version is **33.5809, 35.3297, 38.4740**.

A 20% lighter version of the original color is **70.6188, 63.5234, 62.5721**, and **18.5042, 14.4811, 12.6463** is the 20% darker color. If you saturate the color by 10%, you get **36.2816, 27.9218, 23.2187**, and if you desaturate by 10%, it is **45.2499, 41.1643, 40.6795**.

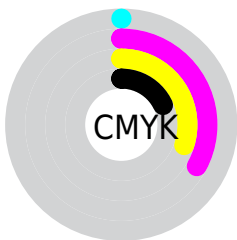
Distribution



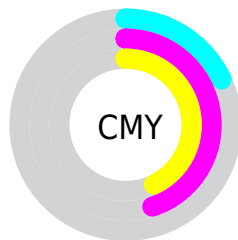
- Red (82%)
- Green (55%)
- Blue (57%)



- Red (82%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3559, 33.9195, 31.2082 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 40.3559, 33.9195, 31.2082 by changing the saturation by 10% instead.


 40.3559, 33.9195,
31.2082

 40.3559, 33.9195,
31.2082

338.7301,
319.7730, 321.8772


 28.0016, 22.8318,
20.4976


 74.9861, 65.8085,
62.6511

 18.4673, 14.4693,
12.5696


 97.9926, 87.3785,
84.2206

 11.3877, 8.4478,
7.0057


 125.2806,
113.2114, 110.2467

 6.3975, 4.3828,
3.3871

157.2155,
143.6916, 141.1482

 3.1312, 1.8899,
1.2955

194.1625,
179.2034, 177.3434

 1.2235, 0.5423,
0.0581

236.4870,

 0.1248, 0.0000,

220.1313, 219.2509

0.0000

284.5545,
266.8597, 267.2894

■ 0.0000, 0.0000,
0.0000

■ 40.3559, 33.9195,
31.2082

■ 40.3559, 33.9195,
31.2082

■ 36.2816, 27.9218,
23.2187

■ 45.2499, 41.1643,
40.6795

■ 32.9794, 23.0963,
16.6341

■ 51.0021, 49.7158,
51.7002

■ 30.4013, 19.3676,
11.3736

■ 57.6519, 59.6358,
64.3361

■ 28.4924, 16.6495,
7.3472

■ 65.2357, 70.9807,
78.6488

■ 27.1902, 14.8429,
4.4538

■ 73.7875, 83.8036,
94.6965

■ 26.4202, 13.8287,
2.5762

■ 79.8225, 92.1499,
108.1874

■ 26.1223, 13.4538,
1.7955

Harmonies

Analogous

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



40.4127, 33.9195, 42.7387



40.3559, 33.9195, 31.2082



38.0068, 33.9195, 23.1301

Triad

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



40.3559, 33.9195, 31.2082



26.9685, 33.9195, 23.4113



30.3482, 33.9195, 63.1148

Complementary

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



40.3559, 33.9195, 31.2082



43.8655, 54.8658, 64.1582

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.



27.0873, 33.9195, 55.3574



40.3559, 33.9195, 31.2082



25.2499, 33.9195, 31.6776

Square

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



40.3559, 33.9195, 31.2082



30.1733, 33.9195, 19.3164



25.2915, 33.9195, 43.3173



34.3979, 33.9195, 62.9148

Rectangle

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



40.3559, 33.9195, 31.2082



35.5615, 33.9195, 20.0717



25.2915, 33.9195, 43.3173



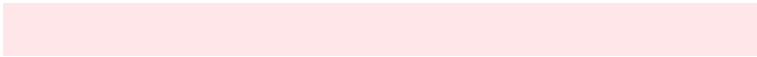
29.1311, 33.9195, 61.2905

Sweetspot

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



40.3568, 33.9211, 31.2089



83.9230, 83.3858, 87.8044



44.7331, 35.4524, 64.1600



17.6539, 17.3873, 18.2052



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.



40.3568, 33.9211, 31.2089



59.1407, 46.6463, 40.0055



44.4193, 42.7665, 30.3418



11.8499, 11.8247, 12.4851



16.2960, 8.3912, 1.1988



0.9259, 0.4751, 0.1447

Inverse Universe

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



40.3568, 33.9211, 31.2089



59.1407, 46.6463, 40.0055



38.4362, 42.8487, 65.9195



11.8499, 11.8247, 12.4851



16.2960, 8.3912, 1.1988



0.9259, 0.4751, 0.1447

Previews

White Background



This preview shows how the XYZ color 40.3559, 33.9195, 31.2082 looks on a white background.

Color Contrast Check

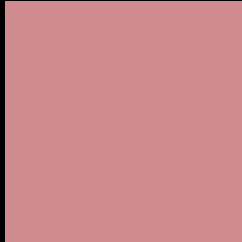
Large Text (above 18pt) WCAG AA × Fail

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 40.3559, 33.9195, 31.2082 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 40.3559, 33.9195, 31.2082

Background



This preview shows how black text looks on a background with the XYZ color 40.3559, 33.9195, 31.2082.



This preview shows how white text looks on a background with the XYZ color 40.3559, 33.9195,

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

40.3559, 33.9195, 31.2082

Protanopia

32.6713, 34.0576, 35.8622

Deuteranopia

34.7766, 34.0233, 30.7208



Tritanopia

40.5257, 33.7568, 32.8135

Trichromacy



Original Color

40.3559, 33.9195, 31.2082

Protanomaly

34.8524, 33.5120, 33.9097

Deuteranomaly

36.7030, 33.8282, 30.9806

Tritanomaly

40.4462, 33.7250, 32.3948

Monochromacy



Original Color

40.3559, 33.9195, 31.2082

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.2761, 34.1701, 35.7466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3559, 33.9195, 31.2082 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(208, 139, 145)` looks like.

```
.text, #text, p{  
    color:rgb(208, 139, 145)  
}
```

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(208, 139, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 139, 145) }
```

Border

The CSS property to change the border of an element to XYZ 40.3559, 33.9195, 31.2082 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(208, 139, 145) }
```


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

```
.border{ border-color:rgb(208, 139, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 139, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 139, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 139, 145);  
box-shadow:4px 4px 4px 4px rgb(208, 139,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3559, 33.9195, 31.2082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 139, 145) }
```

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

```
.background{ background-color: rgb(208,  
139, 145) }
```

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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