

Converting Colors

XYZ(38.5906, 31.7122, 32.2207)

Have a look what the booklet for
XYZ(38.5906, 31.7122, 32.2207)
contains.

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Color

**XYZ(38.6347, 31.7505,
32.1092)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8594
RGB	204, 133, 148
RGB Percent	80%, 52%, 58%
CMY	0.2000, 0.4784, 0.4196
CMYK	0.00, 0.35, 0.27, 0.20
HSL	347°, 41%, 66%
HSV	347°, 35%, 80%
XYZ	38.6347, 31.7505, 32.1092
YIQ	155.9390, 37.5010, 19.7170

Conversions

Conversions Part 2

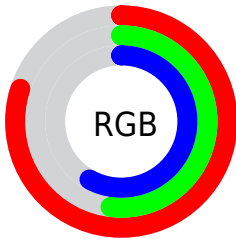
Format	Color
RYB	204, 133, 148
Decimal	13403540
CIELab	63.14, 29.28, 3.32
CIElCh	63, 29.465, 6.467
Yxy	31.7505, 0.3769, 0.3098
Android (android.graphics.Color)	4291593620 (0xFFCC8594)
YUV	155.9390, -3.9139, 42.1495
Hunter-Lab	56.3476, 23.7802, 5.6574

Details

The XYZ color **38.6347, 31.7505, 32.1092** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4524, 51.8473, 56.0221**, and the grayscale version is **31.5786, 33.2232, 36.1801**.

A 20% lighter version of the original color is **69.6710, 61.0649, 63.9918**, and **17.3877, 13.1936, 12.9394** is the 20% darker color. If you saturate the color by 10%, you get **34.9218, 26.2232, 25.0185**, and if you desaturate by 10%, it is **43.0688, 38.4364, 40.3146**.

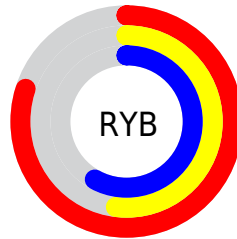
Distribution



Red (80%)

Green (52%)

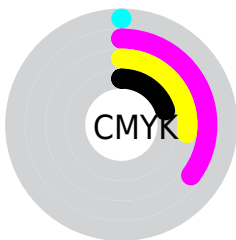
Blue (58%)



Red (80%)

Yellow (52%)

Blue (58%)

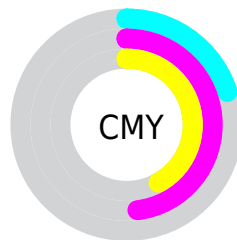


Cyan (0%)

Magenta (35%)

Yellow (27%)

Black (20%)



Cyan (20%)


Magenta (48%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6347, 31.7505, 32.1092 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 38.6347, 31.7505, 32.1092 by changing the saturation by 10% instead.

 38.6347, 31.7505,
32.1092


 38.6347, 31.7505,
32.1092


331.5689,
309.9811, 326.1244


 26.6551, 21.1710,
21.1794


 72.3776, 62.4197,
64.0821

 17.4496, 13.2491,
13.0627


 94.8716, 83.2783,
85.9624

 10.6529, 7.6003,
7.3405


 121.6011,
108.3320, 112.3298

 5.8995, 3.8403,
3.5943

152.9315,
137.9652, 143.6030

 2.8241, 1.5846,
1.4055

189.2281,
172.5623, 180.2006

 1.0615, 0.3472,
0.1460

230.8563,

 0.0000, 0.0000,

212.5077, 222.5410

0.0000

278.1814,
258.1859, 271.0427

■ 38.6347, 31.7505,
32.1092

■ 38.6347, 31.7505,
32.1092

■ 34.9218, 26.2232,
25.0185

■ 43.0688, 38.4364,
40.3146

■ 31.8888, 21.7840,
18.9918

■ 48.2573, 46.3370,
49.6784

■ 29.4938, 18.3618,
13.9773

■ 54.2345, 55.5104,
60.2444

■ 27.6896, 15.8750,
9.9179

■ 61.0318, 66.0094,
72.0535

■ 26.4217, 14.2295,
6.7504

■ 68.6788, 77.8839,
85.1447

■ 25.6248, 13.3109,
4.4035

■ 77.0744, 90.9224,
99.5118

■ 25.3397, 13.0125,
3.4703

■ 78.7120, 91.5774,
108.1354

Harmonies

Analogous

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



37.9308, 31.7505, 44.3070



38.6347, 31.7505, 32.1092



36.9142, 31.7505, 22.8944

Triad

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



38.6347, 31.7505, 32.1092



25.7643, 31.7505, 19.5060



27.1618, 31.7505, 59.4394

Complementary

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



38.6347, 31.7505, 32.1092



40.4524, 51.8473, 56.0221

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.



24.3154, 31.7505, 49.6647



38.6347, 31.7505, 32.1092



23.5607, 31.7505, 26.3770

Square

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



38.6347, 31.7505, 32.1092



29.3056, 31.7505, 16.7500



23.0551, 31.7505, 37.1553



31.0673, 31.7505, 61.9427

Rectangle

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



38.6347, 31.7505, 32.1092



34.7075, 31.7505, 19.0604



23.0551, 31.7505, 37.1553



26.0606, 31.7505, 56.8030

Sweetspot

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



38.6356, 31.7520, 32.1098



84.3768, 83.5673, 90.1941



40.1790, 31.9061, 61.1679



17.7627, 17.4308, 18.7785



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.



38.6356, 31.7520, 32.1098



59.1194, 45.3305, 43.9235



40.5469, 37.3529, 27.2649



11.3077, 11.2518, 12.1548



15.9771, 8.2014, 2.3319



0.8528, 0.4345, 0.2709

Inverse Universe

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



38.6356, 31.7520, 32.1098



59.1194, 45.3305, 43.9235



37.6894, 43.5799, 63.5524



11.3077, 11.2518, 12.1548



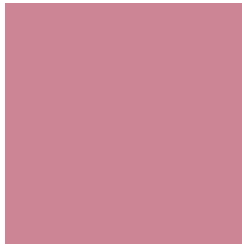
15.9771, 8.2014, 2.3319



0.8528, 0.4345, 0.2709

Previews

White Background



This preview shows how the XYZ color 38.6347, 31.7505, 32.1092 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 38.6347, 31.7505, 32.1092 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 38.6347, 31.7505, 32.1092

Background



This preview shows how black text looks on a background with the XYZ color 38.6347, 31.7505, 32.1092.



This preview shows how white text looks on a background with the XYZ color 38.6347, 31.7505,

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

38.6347, 31.7505, 32.1092

Protanopia

30.8127, 31.8297, 37.3206

Deuteranopia

32.4953, 31.8821, 31.2292



Tritanopia

38.4610, 31.9012, 30.5160

Trichromacy



Original Color

38.6347, 31.7505, 32.1092

Protanomaly

33.0551, 31.3880, 35.3266

Deuteranomaly

34.5392, 31.7875, 31.5093

Tritanomaly

38.5378, 31.9319, 30.9204

Monochromacy



Original Color

38.6347, 31.7505, 32.1092

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.5733, 32.3640, 34.6144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6347, 31.7505, 32.1092 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, 133, 148)` looks like.

```
.text, #text, p{  
    color:rgb(204, 133, 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, 133, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 133, 148) }
```

Border

The CSS property to change the border of an element to XYZ 38.6347, 31.7505, 32.1092 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, 133, 148) }
```


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

```
.border{ border-color:rgb(204, 133, 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, 133, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 133, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 133, 148);  
box-shadow:4px 4px 4px 4px rgb(204, 133,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6347, 31.7505, 32.1092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 133, 148) }
```

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

```
.background{ background-color: rgb(204,  
133, 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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