

Converting Colors

XYZ(38.8625, 33.7992, 32.2746)

Have a look what the booklet for
XYZ(38.8625, 33.7992, 32.2746)
contains.

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Color

**XYZ(38.7589, 33.7319,
32.0719)**

Conversions

Conversions Part 1

Format	Color
Hex	C88E93
RGB	200, 142, 147
RGB Percent	78%, 56%, 58%
CMY	0.2157, 0.4431, 0.4235
CMYK	0.00, 0.29, 0.26, 0.22
HSL	355°, 35%, 67%
HSV	355°, 29%, 78%
XYZ	38.7589, 33.7319, 32.0719
YIQ	159.9120, 32.9630, 13.8510

Conversions

Conversions Part 2

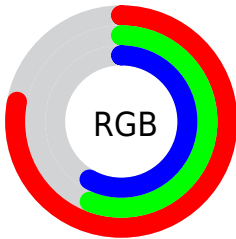
Format	Color
RYB	200, 142, 147
Decimal	13143699
CIELab	64.75, 22.72, 6.15
CIElCh	65, 23.539, 15.148
Yxy	33.7319, 0.3707, 0.3226
Android (android.graphics.Color)	4291333779 (0xFFC88E93)
YUV	159.9120, -6.3656, 35.1572
Hunter-Lab	58.0792, 17.4827, 7.9149

Details

The XYZ color **38.7589, 33.7319, 32.0719** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6613, 51.0003, 59.2805**, and the grayscale version is **33.3916, 35.1305, 38.2572**.

A 20% lighter version of the original color is **71.5225, 64.9569, 64.0266**, and **17.5758, 14.3650, 13.1556** is the 20% darker color. If you saturate the color by 10%, you get **34.7238, 27.7773, 24.2043**, and if you desaturate by 10%, it is **43.5576, 40.8486, 41.3190**.

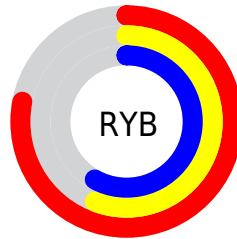
Distribution



Red (78%)

Green (56%)

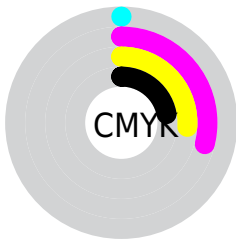
Blue (58%)



Red (78%)

Yellow (56%)

Blue (58%)

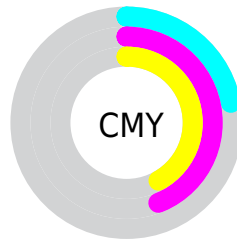


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (22%)



Cyan (22%)


Magenta (44%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7589, 33.7319, 32.0719 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 38.7589, 33.7319, 32.0719 by changing the saturation by 10% instead.


 38.7589, 33.7319,
32.0719


 38.7589, 33.7319,
32.0719


332.0892,
318.9349, 325.9495


 26.7521, 22.6877,
21.1511


 72.5663, 65.5165,
64.0230

 17.5228, 14.3631,
13.0422


 95.0976, 87.0258,
85.8904

 10.7055, 8.3736,
7.3266


 121.8678,
112.7922, 112.2439

 5.9350, 4.3349,
3.5856

153.2422,
143.2001, 143.5018

 2.8459, 1.8626,
1.4009

189.5861,
178.6339, 180.0828

 1.0728, 0.5258,
0.1424

231.2651,

 0.0022, 0.0000,

219.4781, 222.4053

0.0000

278.6443,
266.1169, 270.8881

■ 0.0000, 0.0000,
0.0000

■ 38.7589, 33.7319,
32.0719

■ 38.7589, 33.7319,
32.0719

■ 34.7238, 27.7773,
24.2043

■ 43.5576, 40.8486,
41.3190

■ 31.4103, 22.9187,
17.6480

■ 49.1537, 49.1794,
52.0052

■ 28.7764, 19.0904,
12.3324

■ 55.5821, 58.7791,
64.1891

■ 26.7749, 16.2182,
8.1789

■ 62.8749, 69.6977,
77.9252

■ 25.3521, 14.2175,
5.1004

■ 71.0626, 81.9825,
93.2657

■ 24.4458, 12.9891,
2.9970

■ 77.6295, 91.0194,
108.0847

■ 23.9594, 12.3702,
1.7437

■ 23.9225, 12.3206,
1.6571

Harmonies

Analogous

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



38.7688, 33.7319, 41.7133



38.7589, 33.7319, 32.0719



36.8712, 33.7319, 25.0408

Triad

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



38.7589, 33.7319, 32.0719



27.6671, 33.7319, 25.0938



30.4226, 33.7319, 57.8389

Complementary

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



38.7589, 33.7319, 32.0719



41.6613, 51.0003, 59.2805

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.



27.6887, 33.7319, 51.5819



38.7589, 33.7319, 32.0719



26.1756, 33.7319, 32.1572

Square

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



38.7589, 33.7319, 32.0719



30.3911, 33.7319, 21.5210



26.1832, 33.7319, 41.8149



33.7913, 33.7319, 57.8051

Rectangle

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



38.7589, 33.7319, 32.0719



34.8734, 33.7319, 22.2846



26.1832, 33.7319, 41.8149



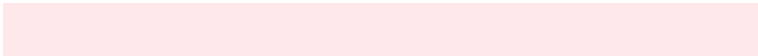
29.4043, 33.7319, 56.3591

Sweetspot

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



38.7598, 33.7335, 32.0726



84.9659, 84.9435, 89.7799



42.3988, 35.0135, 59.1675



17.8616, 17.6976, 18.5988



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.



38.7598, 33.7335, 32.0726



62.4162, 51.4758, 46.4043



42.1942, 41.2162, 31.3247



10.6703, 10.6515, 11.2474



15.2249, 7.8395, 1.1283



0.7340, 0.3764, 0.1223

Inverse Universe

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



38.7598, 33.7335, 32.0726



62.4162, 51.4758, 46.4043



37.2646, 41.2876, 60.6491



10.6703, 10.6515, 11.2474



15.2249, 7.8395, 1.1283



0.7340, 0.3764, 0.1223

Previews

White Background



This preview shows how the XYZ color 38.7589, 33.7319, 32.0719 looks on a white background.

Color Contrast Check

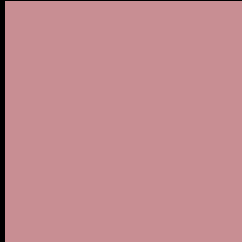
Large Text (above 18pt) WCAG AA × Fail

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 38.7589, 33.7319, 32.0719 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 38.7589, 33.7319, 32.0719

Background



This preview shows how black text looks on a background with the XYZ color 38.7589, 33.7319, 32.0719.



This preview shows how white text looks on a background with the XYZ color 38.7589, 33.7319,

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

38.7589, 33.7319, 32.0719

Protanopia

32.6713, 34.0576, 35.8622

Deuteranopia

34.4705, 33.8479, 31.5046



Tritanopia

39.2798, 33.7343, 34.1469

Trichromacy



Original Color

38.7589, 33.7319, 32.0719

Protanomaly

34.5749, 33.8374, 34.4147

Deuteranomaly

35.7858, 33.5694, 31.7876

Tritanomaly

39.1173, 33.6693, 33.2913

Monochromacy



Original Color

38.7589, 33.7319, 32.0719

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.9868, 34.2630, 35.7798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7589, 33.7319, 32.0719 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(200, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(200, 142, 147)  
}
```

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(200, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 142, 147) }
```

Border

The CSS property to change the border of an element to XYZ 38.7589, 33.7319, 32.0719 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(200, 142, 147) }
```


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

```
.border{ border-color:rgb(200, 142, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 142, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(200, 142,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7589, 33.7319, 32.0719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 142, 147) }
```

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

```
.background{ background-color: rgb(200,  
142, 147) }
```

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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