

Converting Colors

XYZ(38.0004, 33.7015, 30.2955)

Have a look what the booklet for
XYZ(38.0004, 33.7015, 30.2955)
contains.

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Color

**XYZ(38.0691, 33.6339,
30.4721)**

Conversions

Conversions Part 1

Format	Color
Hex	C68F8F
RGB	198, 143, 143
RGB Percent	78%, 56%, 56%
CMY	0.2235, 0.4392, 0.4392
CMYK	0.00, 0.28, 0.28, 0.22
HSL	0°, 33%, 67%
HSV	0°, 28%, 78%
XYZ	38.0691, 33.6339, 30.4721
YIQ	159.4450, 32.7800, 11.6600

Conversions

Conversions Part 2

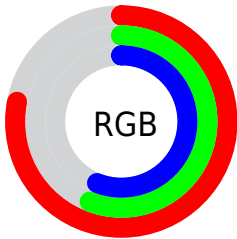
Format	Color
R _Y B	198, 143, 143
Decimal	13012879
CIE Lab	64.67, 20.85, 8.27
CIE LCh	65, 22.425, 21.632
Yxy	33.6339, 0.3726, 0.3292
Android (android.graphics.Color)	4291202959 (0xFFC68F8F)
YUV	159.4450, -8.1074, 33.8127
Hunter-Lab	57.9947, 15.6808, 9.4437

Details

The XYZ color **38.0691, 33.6339, 30.4721** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7141, 50.3033, 60.9372**, and the grayscale version is **33.1847, 34.9129, 38.0202**.

A 20% lighter version of the original color is **71.2843, 65.2237, 61.6557**, and **17.1306, 14.2842, 12.2102** is the 20% darker color. If you saturate the color by 10%, you get **33.9851, 27.6582, 22.3523**, and if you desaturate by 10%, it is **42.9442, 40.7677, 40.1625**.

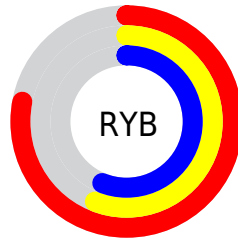
Distribution



Red (78%)

Green (56%)

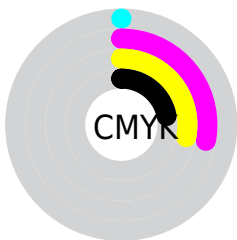
Blue (56%)



Red (78%)

Yellow (56%)

Blue (56%)

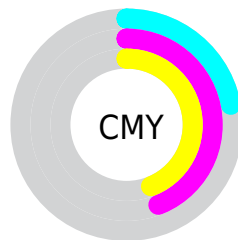


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (22%)



Cyan (22%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0691, 33.6339, 30.4721 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 38.0691, 33.6339, 30.4721 by changing the saturation by 10% instead.


 38.0691, 33.6339,
30.4721


 38.0691, 33.6339,
30.4721


329.1920,
318.4965, 318.3744


 26.2138, 22.6125,
19.9421


 71.5173, 65.3639,
61.4778

 17.1172, 14.3076,
12.1693


 93.8408, 86.8414,
82.7906

 10.4139, 8.3349,
6.7352


 120.3845,
112.5729, 108.5347

 5.7386, 4.3100,
3.2211

151.5136,
142.9430, 139.1287

 2.7259, 1.8484,
1.2086

187.5936,
178.3360, 174.9911

 1.0105, 0.5171,
0.0000

228.9897,

 0.0000, 0.0000,

219.1364, 216.5405

0.0000

276.0674,
265.7284, 264.1954

■ 38.0691, 33.6339,
30.4721

■ 38.0691, 33.6339,
30.4721

■ 33.9851, 27.6582,
22.3523

■ 42.9442, 40.7677,
40.1625

■ 30.6481, 22.7750,
15.7184

■ 48.6461, 49.1112,
51.4978

■ 28.0135, 18.9199,
10.4812

■ 55.2117, 58.7184,
64.5502

■ 26.0313, 16.0192,
6.5409

■ 62.6748, 69.6390,
79.3870

■ 24.6446, 13.9900,
3.7844

■ 71.0674, 81.9196,
96.0717

■ 23.7868, 12.7347,
2.0795

■ 77.0988, 90.7458,
108.0599

■ 23.3608, 12.1113,
1.2328

■ 23.2889, 12.0061,
1.0900

Harmonies

Analogous

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



38.4860, 33.6339, 39.2606



38.0691, 33.6339, 30.4721



35.9629, 33.6339, 24.4151

Triad

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



38.0691, 33.6339, 30.4721



27.3597, 33.6339, 26.6901



31.0763, 33.6339, 57.0908

Complementary

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



38.0691, 33.6339, 30.4721



41.7141, 50.3033, 60.9372

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.



28.2805, 33.6339, 52.3394



38.0691, 33.6339, 30.4721



26.2309, 33.6339, 34.1036

Square

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



38.0691, 33.6339, 30.4721



29.7417, 33.6339, 22.5000



26.5563, 33.6339, 43.5473



34.3027, 33.6339, 55.6790

Rectangle

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



38.0691, 33.6339, 30.4721



33.9570, 33.6339, 22.2516



26.5563, 33.6339, 43.5473



30.0583, 33.6339, 56.1364

Sweetspot

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



38.0700, 33.6355, 30.4728



85.7720, 86.4238, 90.4554



43.3044, 35.7282, 58.0401



18.0096, 17.9873, 18.6670



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.



38.0700, 33.6355, 30.4728



63.1122, 53.2662, 45.4082



42.7155, 42.9265, 32.0213



10.6340, 10.6371, 11.0555



15.1454, 7.8079, 0.7088



0.7172, 0.3698, 0.0336

Inverse Universe

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



41.7141, 50.3033, 60.9372



70.5699, 87.3770, 107.7538



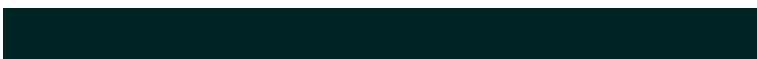
35.9897, 38.8545, 59.0290



10.9467, 12.0674, 13.6698



19.7593, 28.9125, 39.2836



0.9356, 1.3691, 1.8601

Previews

White Background



This preview shows how the XYZ color 38.0691, 33.6339, 30.4721 looks on a white background.

Color Contrast Check

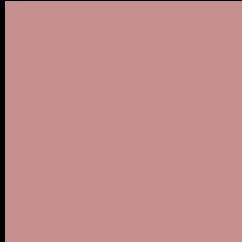
Large Text (above 18pt) WCAG AA × Fail

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 38.0691, 33.6339, 30.4721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

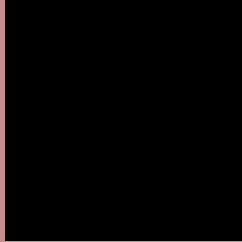
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0691, 33.6339, 30.4721

Background



This preview shows how black text looks on a background with the XYZ color 38.0691, 33.6339, 30.4721.



This preview shows how white text looks on a background with the XYZ color 38.0691, 33.6339,

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

38.0691, 33.6339, 30.4721

Protanopia

32.4623, 33.9973, 33.7054

Deuteranopia

34.3961, 33.8445, 29.9191



Tritanopia

38.8937, 33.7551, 34.1712

Trichromacy



Original Color

38.0691, 33.6339, 30.4721

Protanomaly

34.1739, 33.6770, 32.3029

Deuteranomaly

35.6375, 33.7622, 30.2296

Tritanomaly

38.6510, 33.6580, 32.8933

Monochromacy



Original Color

38.0691, 33.6339, 30.4721

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.3746, 33.9666, 34.8815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0691, 33.6339, 30.4721 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(198, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(198, 143, 143)  
}
```

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(198, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 38.0691, 33.6339, 30.4721 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(198, 143, 143) }
```


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

```
.border{ border-color:rgb(198, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(198, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0691, 33.6339, 30.4721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 143, 143) }
```

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

```
.background{ background-color: rgb(198,  
143, 143) }
```

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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