

Converting Colors

XYZ(38.5219, 36.2048, 30.5491)

Have a look what the booklet for
XYZ(38.5219, 36.2048, 30.5491)
contains.

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Color

**XYZ(38.5219, 36.2048,
30.5491)**

Conversions

Conversions Part 1

Format	Color
Hex	C2998E
RGB	194, 153, 142
RGB Percent	76%, 60%, 56%
CMY	0.2392, 0.4000, 0.4431
CMYK	0.00, 0.21, 0.27, 0.24
HSL	13°, 30%, 66%
HSV	13°, 27%, 76%
XYZ	38.5219, 36.2048, 30.5491
YIQ	164.0050, 27.9670, 5.2710

Conversions

Conversions Part 2

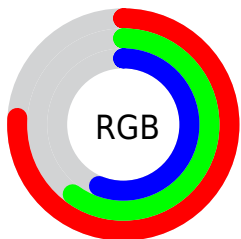
Format	Color
R_{YB}	194, 156, 142
Decimal	12753294
CIE _{Lab}	66.68, 13.66, 11.61
CIE _{LCh}	67, 17.929, 40.375
Yxy	36.2048, 0.3659, 0.3439
Android (android.graphics.Color)	4290943374 (0xFFC2998E)
YUV	164.0050, -10.8485, 26.3056
Hunter-Lab	60.1704, 8.9798, 12.0172

Details

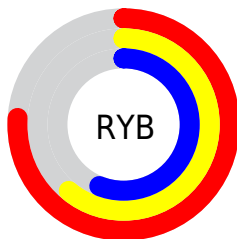
The XYZ color **38.5219, 36.2048, 30.5491** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8261, 43.5117, 57.4442**, and the grayscale version is **35.3305, 37.1704, 40.4786**.

A 20% lighter version of the original color is **72.0603, 69.1204, 61.7681**, and **17.3306, 15.7644, 12.2546** is the 20% darker color. If you saturate the color by 10%, you get **34.8454, 30.9833, 22.7521**, and if you desaturate by 10%, it is **42.7748, 42.1728, 39.7897**.

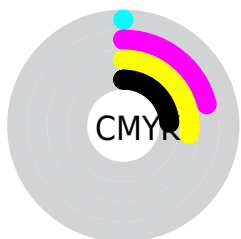
Distribution



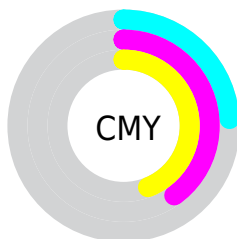
- Red (76%)
- Green (60%)
- Blue (56%)



- Red (76%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (27%)
- Black (24%)





- Cyan (24%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5219, 36.2048, 30.5491 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 38.5219, 36.2048, 30.5491 by changing the saturation by 10% instead.


 38.5219, 36.2048,
30.5491


 38.5219, 36.2048,
30.5491


331.0958,
329.8548, 318.7422


 26.5670, 24.5924,
20.0002


 72.2061, 69.3481,
61.6007

 17.3832, 15.7736,
12.2111


 94.6662, 91.6477,
82.9405

 10.6051, 9.3641,
6.7633


 121.3588,
118.2786, 108.7142

 5.8673, 4.9794,
3.2383

152.6491,
149.6250, 139.3405

 2.8044, 2.2352,
1.2176

188.9026,
186.0715, 175.2380

 1.0512, 0.7391,
0.0000

230.4847,

 0.0000, 0.0000,

228.0023, 216.8250

0.0000

277.7606,
275.8020, 264.5203

■ 38.5219, 36.2048,
30.5491

■ 38.5219, 36.2048,
30.5491

■ 34.8454, 30.9833,
22.7521

■ 42.7748, 42.1728,
39.7897

■ 31.7172, 26.4740,
16.3233

■ 47.6247, 48.9102,
50.5398

■ 29.1110, 22.6469,
11.1837

■ 53.0951, 56.4448,
62.8636

■ 26.9972, 19.4683,
7.2454

■ 59.2070, 64.8019,
76.8212

■ 25.3431, 16.9012,
4.4092

■ 65.9805, 74.0055,
92.4694

■ 24.1117, 14.9050,
2.5602

■ 72.8822, 83.8573,
106.9525

■ 23.2569, 13.4324,
1.5450

■ 76.0583, 90.2094,
108.0112

■ 23.0430, 13.0589,
1.3061

Harmonies

Analogous

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



39.7774, 36.2048, 36.8024



38.5219, 36.2048, 30.5491



36.1856, 36.2048, 27.0046

Triad

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



38.5219, 36.2048, 30.5491



29.7477, 36.2048, 34.6331



35.3554, 36.2048, 55.9371

Complementary

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



38.5219, 36.2048, 30.5491



37.8261, 43.5117, 57.4442

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.



32.6965, 36.2048, 55.1567



38.5219, 36.2048, 30.5491



29.5514, 36.2048, 42.1607

Square

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



38.5219, 36.2048, 30.5491



31.1556, 36.2048, 29.1402



30.6046, 36.2048, 49.8628



37.8869, 36.2048, 51.8731

Rectangle

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



38.5219, 36.2048, 30.5491



34.3776, 36.2048, 26.3390



30.6046, 36.2048, 49.8628



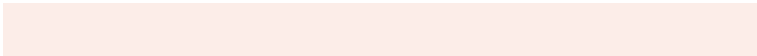
34.4456, 36.2048, 56.2443

Sweetspot

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



38.5229, 36.2065, 30.5498



85.0573, 86.9154, 88.8266



40.5314, 34.2597, 49.6048



18.3208, 18.6098, 18.7708



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.



38.5229, 36.2065, 30.5498



65.8686, 60.0376, 46.9785



43.1311, 45.4229, 32.0859



10.2421, 10.4156, 10.5325



15.1994, 8.6845, 0.8752



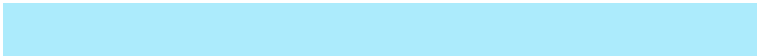
0.7082, 0.4781, 0.0550

Inverse Universe

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



37.8261, 43.5117, 57.4442



64.3923, 75.4101, 103.6316



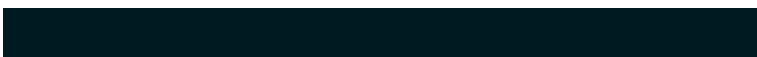
33.0521, 33.9638, 55.8529



10.1818, 11.0549, 12.8820



13.9471, 17.6506, 36.2284



0.6490, 0.8554, 1.5808

Previews

White Background



This preview shows how the XYZ color 38.5219, 36.2048, 30.5491 looks on a white background.

Color Contrast Check

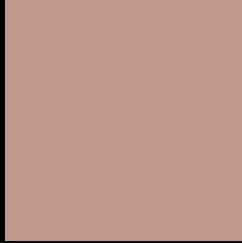
Large Text (above 18pt) WCAG AA × Fail

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 38.5219, 36.2048, 30.5491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

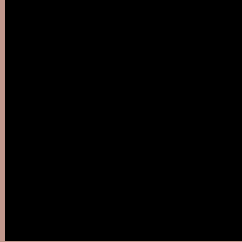
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5219, 36.2048, 30.5491

Background



This preview shows how black text looks on a background with the XYZ color 38.5219, 36.2048, 30.5491.



This preview shows how white text looks on a background with the XYZ color 38.5219, 36.2048,

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

38.5219, 36.2048, 30.5491

Protanopia

34.5490, 36.3823, 32.8053

Deuteranopia

36.9459, 36.1391, 30.2276



Tritanopia

40.1929, 36.1571, 39.0430

Trichromacy



Original Color

38.5219, 36.2048, 30.5491

Protanomaly

35.8691, 36.3056, 31.9052

Deuteranomaly

37.5153, 36.1846, 30.2064

Tritanomaly

39.4887, 36.1019, 35.8974

Monochromacy



Original Color

38.5219, 36.2048, 30.5491

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.2508, 36.6559, 36.6172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5219, 36.2048, 30.5491 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(194, 153, 142)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 142)  
}
```

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(194, 153, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 142) }
```

Border

The CSS property to change the border of an element to XYZ 38.5219, 36.2048, 30.5491 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(194, 153, 142) }
```


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

```
.border{ border-color:rgb(194, 153, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 153, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 153, 142); box-shadow:4px 4px 4px 4px rgb(194, 153, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5219, 36.2048, 30.5491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 142) }
```

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

```
.background{ background-color: rgb(194,  
153, 142) }
```

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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