

Converting Colors

XYZ(38.8742, 36.5207, 35.5722)

Have a look what the booklet for
XYZ(38.8742, 36.5207, 35.5722)
contains.

XYZ(38.8742, 36.5207, 35.5722)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.8742, 36.5207,
35.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9A9A
RGB	191, 154, 154
RGB Percent	75%, 60%, 60%
CMY	0.2510, 0.3961, 0.3961
CMYK	0.00, 0.19, 0.19, 0.25
HSL	0°, 22%, 68%
HSV	0°, 19%, 75%
XYZ	38.8742, 36.5207, 35.5722
YIQ	165.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

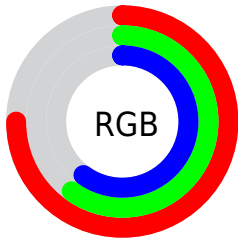
Format	Color
RYB	191, 154, 154
Decimal	12556954
CIELab	66.92, 13.75, 5.21
CIElCh	67, 14.704, 20.760
Yxy	36.5207, 0.3503, 0.3291
Android (android.graphics.Color)	4290747034 (0xFFBF9A9A)
YUV	165.0630, -5.4541, 22.7467
Hunter-Lab	60.4324, 9.0667, 7.4029

Details

The XYZ color **38.8742, 36.5207, 35.5722** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3608, 47.8920, 56.3546**, and the grayscale version is **35.8132, 37.6783, 41.0316**.

A 20% lighter version of the original color is **72.6524, 69.6223, 69.2838**, and **17.6150, 15.9981, 14.9915** is the 20% darker color. If you saturate the color by 10%, you get **34.5031, 30.1248, 26.8814**, and if you desaturate by 10%, it is **44.0019, 44.0241, 45.7649**.

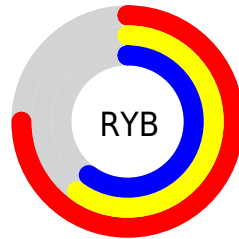
Distribution



Red (75%)

Green (60%)

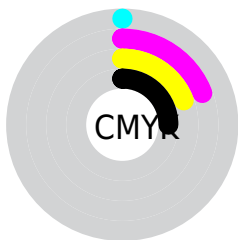
Blue (60%)



Red (75%)

Yellow (60%)

Blue (60%)

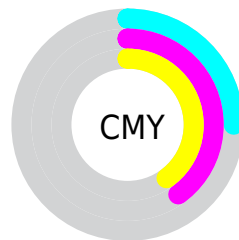


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (25%)



Cyan (25%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8742, 36.5207, 35.5722 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 38.8742, 36.5207, 35.5722 by changing the saturation by 10% instead.

■ 38.8742, 36.5207,
35.5722

■ 38.8742, 36.5207,
35.5722

332.5717,
331.2307, 342.0675

■ 26.8422, 24.8366,
23.8169

■ 72.7414, 69.8350,
69.5328

■ 17.5907, 15.9554,
14.9869

■ 95.3073, 92.2340,
92.5753

■ 10.7544, 9.4926,
8.6637

122.1151,
118.9734, 120.2172

■ 5.9680, 5.0638,
4.4287

153.5303,
150.4377, 152.8771

■ 2.8661, 2.2848,
1.8633

189.9182,
187.0111, 190.9735

■ 1.0834, 0.7656,
0.4693

231.6442,

■ 0.0111, 0.0000,

229.0782, 234.9250

0.0000

279.0736,
277.0233, 285.1502

■ 0.0000, 0.0000,
0.0000

■ 38.8742, 36.5207,
35.5722

■ 38.8742, 36.5207,
35.5722

■ 34.5031, 30.1248,
26.8814

■ 44.0019, 44.0241,
45.7649

■ 30.8501, 24.7794,
19.6193

■ 49.9166, 52.6788,
57.5233

■ 27.8777, 20.4299,
13.7104

■ 56.6504, 62.5321,
70.9104

■ 25.5438, 17.0146,
9.0708

■ 64.2329, 73.6273,
85.9848

■ 23.8016, 14.4652,
5.6077

■ 72.6923, 86.0055,
102.8026

■ 22.5981, 12.7041,
3.2156

■ 75.2960, 89.8164,
107.9755

■ 21.8707, 11.6396,
1.7699

■ 21.5058, 11.1055,
1.0446

■ 21.4862, 11.0768,
1.0056

Harmonies

Analogous

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



39.1147, 36.5207, 41.7678



38.8742, 36.5207, 35.5722



37.4932, 36.5207, 30.9984

Triad

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



38.8742, 36.5207, 35.5722



31.4981, 36.5207, 32.4971



34.0284, 36.5207, 53.1471

Complementary

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



38.8742, 36.5207, 35.5722



41.3608, 47.8920, 56.3546

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.



32.0715, 36.5207, 50.0454



38.8742, 36.5207, 35.5722



30.6524, 36.5207, 37.8270

Square

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



38.8742, 36.5207, 35.5722



33.2152, 36.5207, 29.3593



30.8577, 36.5207, 44.2746



36.2527, 36.5207, 52.3774

Rectangle

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



38.8742, 36.5207, 35.5722



36.1429, 36.5207, 29.2685



30.8577, 36.5207, 44.2746



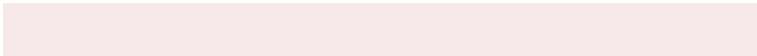
33.3191, 36.5207, 52.5113

Sweetspot

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



38.8752, 36.5224, 35.5730



82.1198, 83.6940, 88.5499



42.4458, 37.9496, 54.3783



17.8834, 18.1599, 19.1478



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.8752, 36.5224, 35.5730



66.3403, 60.6044, 57.1802



42.1668, 43.1056, 36.6702



9.5303, 9.5365, 9.9151



14.1204, 7.2796, 0.6609



0.5531, 0.2852, 0.0259

Inverse Universe

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



41.3608, 47.8920, 56.3546



71.5589, 84.4758, 100.8130



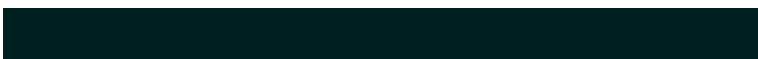
37.5787, 40.3278, 55.0939



9.8085, 10.8094, 12.2417



18.4214, 26.9546, 36.6248



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 38.8742, 36.5207, 35.5722 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 38.8742, 36.5207, 35.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

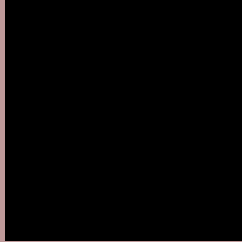
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8742, 36.5207, 35.5722

Background



This preview shows how black text looks on a background with the XYZ color 38.8742, 36.5207, 35.5722.



This preview shows how white text looks on a background with the XYZ color 38.8742, 36.5207,

35.5722.

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

38.8742, 36.5207, 35.5722

Protanopia

35.1147, 36.5594, 38.0068

Deuteranopia

37.0981, 36.3589, 35.1997



Tritanopia

39.6673, 36.3433, 40.0462

Trichromacy



Original Color

38.8742, 36.5207, 35.5722

Protanomaly

36.3884, 36.4607, 37.0180

Deuteranomaly

37.6458, 36.3911, 35.1770

Tritanomaly

39.4746, 36.5270, 38.2276

Monochromacy



Original Color

38.8742, 36.5207, 35.5722

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.6335, 37.0616, 38.9410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8742, 36.5207, 35.5722 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(191, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(191, 154, 154)  
}
```

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(191, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 38.8742, 36.5207, 35.5722 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(191, 154, 154) }
```


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

```
.border{ border-color:rgb(191, 154, 154) }
```

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

Here you see how a box with a 4 pixel rgb(191, 154, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(191, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8742, 36.5207, 35.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 154, 154) }
```

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

```
.background{ background-color: rgb(191,  
154, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor