

Converting Colors

XYZ(40.7279, 38.9742, 38.8291)

Have a look what the booklet for
XYZ(40.7279, 38.9742, 38.8291)
contains.

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Color

**XYZ(40.6542, 38.8861,
38.6208)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A0A0
RGB	192, 160, 160
RGB Percent	75%, 63%, 63%
CMY	0.2471, 0.3725, 0.3725
CMYK	0.00, 0.17, 0.17, 0.25
HSL	0°, 20%, 69%
HSV	0°, 17%, 75%
XYZ	40.6542, 38.8861, 38.6208
YIQ	169.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

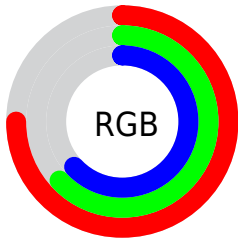
Format	Color
RYB	192, 160, 160
Decimal	12624032
CIELab	68.67, 11.77, 4.41
CIElCh	69, 12.572, 20.517
Yxy	38.8861, 0.3441, 0.3291
Android (android.graphics.Color)	4290814112 (0xFFC0A0A0)
YUV	169.5680, -4.7170, 19.6729
Hunter-Lab	62.3587, 7.2437, 6.9309

Details

The XYZ color **40.6542, 38.8861, 38.6208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8610, 48.9777, 57.0642**, and the grayscale version is **38.0105, 39.9900, 43.5491**.

A 20% lighter version of the original color is **75.6331, 73.6469, 74.5190**, and **18.6041, 17.2325, 16.8137** is the 20% darker color. If you saturate the color by 10%, you get **36.0277, 32.1165, 29.4220**, and if you desaturate by 10%, it is **46.0562, 46.7909, 49.3588**.

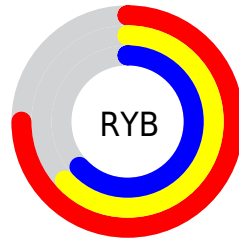
Distribution



Red (75%)

Green (63%)

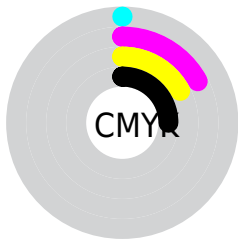
Blue (63%)



Red (75%)

Yellow (63%)

Blue (63%)

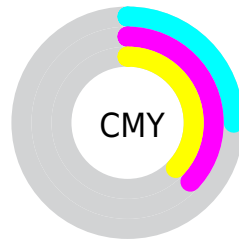


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6542, 38.8861, 38.6208 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 40.6542, 38.8861, 38.6208 by changing the saturation by 10% instead.


 40.6542, 38.8861,
38.6208


 40.6542, 38.8861,
38.6208


339.9606,
341.4060, 355.6533

 28.2355, 26.6711,
26.1593


 75.4367, 73.4643,
74.2726

 18.6446, 17.3264,
16.7160


 98.5312, 96.5963,
98.3000

 11.5162, 10.4675,
9.8724

125.9150,
124.1361, 127.0198

 6.4850, 5.7100,
5.2099

157.9534,
156.4681, 160.8505

 3.1856, 2.6695,
2.3101

195.0118,
193.9767, 200.2107

 1.2527, 0.9618,
0.7369

237.4556,

 0.1474, 0.0000,

237.0463, 245.5188

0.0000

285.6500,
286.0613, 297.1935

■ 0.0000, 0.0000,
0.0000

■ 40.6542, 38.8861,
38.6208

■ 40.6542, 38.8861,
38.6208

■ 36.0277, 32.1165,
29.4220

■ 46.0562, 46.7909,
49.3588

■ 32.1381, 26.4249,
21.6897

■ 52.2636, 55.8739,
61.6993

■ 28.9484, 21.7574,
15.3488

■ 59.3087, 66.1827,
75.7052

■ 26.4170, 18.0532,
10.3166

■ 67.2209, 77.7602,
91.4351

■ 24.4980, 15.2451,
6.5020

■ 75.5484, 89.9466,
107.9873

■ 23.1396, 13.2572,
3.8019

■ 22.2814, 12.0013,
2.0962

■ 21.8432, 11.3600,
1.2252

■ 21.7386, 11.2070,
1.0174

Harmonies

Analogous

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



40.8571, 38.8861, 44.1684



40.6542, 38.8861, 38.6208



39.4425, 38.8861, 34.4459

Triad

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



40.6542, 38.8861, 38.6208



34.0896, 38.8861, 35.7584



36.3343, 38.8861, 54.0729

Complementary

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



40.6542, 38.8861, 38.6208



42.8610, 48.9777, 57.0642

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.



34.5841, 38.8861, 51.3573



40.6542, 38.8861, 38.6208



33.3191, 38.8861, 40.5635

Square

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



40.6542, 38.8861, 38.6208



35.6374, 38.8861, 32.8990



33.4968, 38.8861, 46.2914



38.3151, 38.8861, 53.4346

Rectangle

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



40.6542, 38.8861, 38.6208



38.2488, 38.8861, 32.8419



33.4968, 38.8861, 46.2914



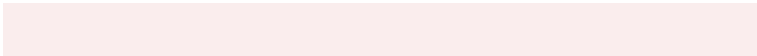
35.7007, 38.8861, 53.5135

Sweetspot

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



40.6553, 38.8879, 38.6216



85.1358, 87.2476, 92.7847



43.8239, 40.1544, 55.3104



18.1020, 18.4798, 19.5825



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.



40.6553, 38.8879, 38.6216



70.4414, 65.7458, 63.5721



43.6092, 44.7957, 39.6063



10.0733, 10.0781, 10.4762



14.6277, 7.5411, 0.6846



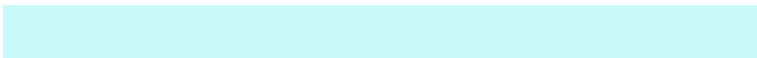
0.6320, 0.3259, 0.0296

Inverse Universe

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



42.8610, 48.9777, 57.0642



75.1906, 87.4701, 103.2807



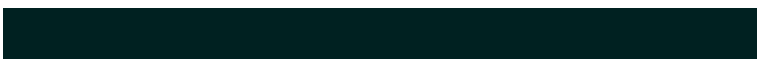
39.5375, 42.3306, 55.9564



10.3685, 11.4283, 12.9442



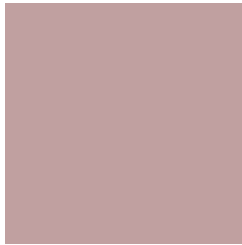
19.0831, 27.9227, 37.9405



0.8246, 1.2065, 1.6393

Previews

White Background



This preview shows how the XYZ color 40.6542, 38.8861, 38.6208 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 40.6542, 38.8861, 38.6208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

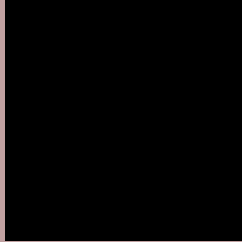
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6542, 38.8861, 38.6208

Background



This preview shows how black text looks on a background with the XYZ color 40.6542, 38.8861, 38.6208.



This preview shows how white text looks on a background with the XYZ color 40.6542, 38.8861,

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

40.6542, 38.8861, 38.6208

Protanopia

37.5328, 39.0884, 40.6886

Deuteranopia

39.7590, 38.9435, 38.6790



Tritanopia

41.5699, 38.7315, 43.8130

Trichromacy



Original Color

40.6542, 38.8861, 38.6208

Protanomaly

38.4767, 38.7790, 40.1075

Deuteranomaly

40.0763, 38.8466, 38.6436

Tritanomaly

41.3655, 38.9238, 41.8921

Monochromacy



Original Color

40.6542, 38.8861, 38.6208

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8792, 39.4906, 41.6497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6542, 38.8861, 38.6208 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(192, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 160, 160)  
}
```

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(192, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 160, 160) }
```

Border

The CSS property to change the border of an element to XYZ 40.6542, 38.8861, 38.6208 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(192, 160, 160) }
```


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

```
.border{ border-color:rgb(192, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 160,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6542, 38.8861, 38.6208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 160, 160) }
```

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

```
.background{ background-color: rgb(192,  
160, 160) }
```

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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