

Converting Colors

XYZ(43.3770, 38.1468, 56.1158)

Have a look what the booklet for
XYZ(43.3770, 38.1468, 56.1158)
contains.

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Color

**XYZ(43.3770, 38.1468,
56.1158)**

Conversions

Conversions Part 1

Format	Color
Hex	C299C2
RGB	194, 153, 194
RGB Percent	76%, 60%, 76%
CMY	0.2392, 0.4000, 0.2392
CMYK	0.00, 0.21, 0.00, 0.24
HSL	300°, 25%, 68%
HSV	300°, 21%, 76%
XYZ	43.3770, 38.1468, 56.1158
YIQ	169.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

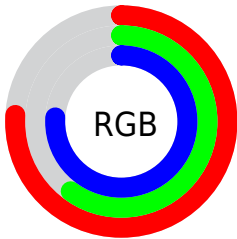
Format	Color
R _Y B	194, 153, 194
Decimal	12753346
CIE Lab	68.13, 22.33, -15.30
CIE LCh	68, 27.071, 325.581
Yxy	38.1468, 0.3151, 0.2771
Android (android.graphics.Color)	4290943426 (0xFFC299C2)
YUV	169.9330, 11.8650, 21.1068
Hunter-Lab	61.7631, 17.2774, -10.6347

Details

The XYZ color **43.3770, 38.1468, 56.1158** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.1800, 47.6570, 37.3255**, and the grayscale version is **38.1149, 40.0998, 43.6687**.

A 20% lighter version of the original color is **79.7521, 72.5860, 101.0739**, and **20.3002, 16.9716, 27.0169** is the 20% darker color. If you saturate the color by 10%, you get **40.4567, 32.3056, 55.1426**, and if you desaturate by 10%, it is **46.8159, 45.0238, 57.2627**.

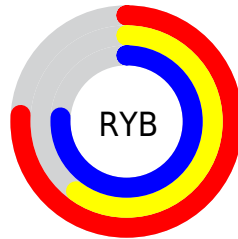
Distribution



Red (76%)

Green (60%)

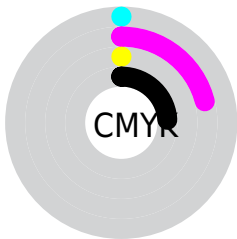
Blue (76%)



Red (76%)

Yellow (60%)

Blue (76%)

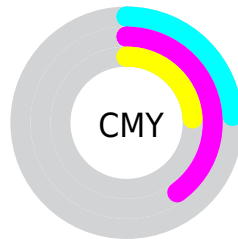


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3770, 38.1468, 56.1158 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 43.3770, 38.1468, 56.1158 by changing the saturation by 10% instead.

43.3770, 38.1468,
56.1158

43.3770, 38.1468,
56.1158

351.0552,
338.2493, 427.5283

30.3768, 26.0966,
39.8912

79.5316, 72.3331,
100.6614

20.2743, 16.8960,
27.1406

103.4168, 95.2380,
129.8193

12.7040, 10.1603,
17.4454

131.6610,
122.5300, 164.1255

7.3006, 5.5054,
10.3873

164.6296,
154.5934, 203.9985

3.6988, 2.5467,
5.5475

202.6880,
191.8126, 249.8567

1.5332, 0.9000,
2.5077

246.2015,

0.3483, 0.0000,

234.5721, 302.1187

0.8442

295.5354,
283.2562, 361.2030

■ 0.0000, 0.0000,
0.0000

■ 43.3770, 38.1468,
56.1158

■ 43.3770, 38.1468,
56.1158

■ 40.4567, 32.3056,
55.1426

■ 46.8159, 45.0238,
57.2627

■ 38.0265, 27.4453,
54.3324

■ 50.7930, 52.9781,
58.5885

■ 36.0607, 23.5137,
53.6770

■ 55.3315, 62.0549,
60.1015

■ 34.5297, 20.4517,
53.1665

■ 60.4518, 72.2955,
61.8084

■ 33.4004, 18.1932,
52.7900

■ 66.1735, 83.7390,
63.7158

■ 32.6354, 16.6631,
52.5348

■ 67.7464, 86.8847,
64.2403

■ 32.1896, 15.7718,
52.3861

■ 67.7465, 86.8847,
64.2404

■ 31.9860, 15.3645,
52.3181

■ 67.7465, 86.8847,
64.2406

■ 67.7465, 86.8847,
64.2408

Harmonies

Analogous

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



39.8779, 38.1468, 66.2406



43.3770, 38.1468, 56.1158



44.9710, 38.1468, 43.3530

Triad

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



43.3770, 38.1468, 56.1158



36.8866, 38.1468, 22.3957



29.4153, 38.1468, 52.4080

Complementary

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



43.3770, 38.1468, 56.1158



38.1800, 47.6570, 37.3255

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.



28.7490, 38.1468, 39.7693



43.3770, 38.1468, 56.1158



32.8629, 38.1468, 23.8923

Square

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



43.3770, 38.1468, 56.1158



41.0436, 38.1468, 25.1531



29.9628, 38.1468, 29.7283



31.8585, 38.1468, 63.8249

Rectangle

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



43.3770, 38.1468, 56.1158



44.6551, 38.1468, 35.5967



29.9628, 38.1468, 29.7283



28.9846, 38.1468, 48.1004

Sweetspot

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



43.3782, 38.1485, 56.1166



88.3221, 88.5804, 104.9123



34.2674, 33.4517, 55.6906



19.2368, 19.1886, 22.9398



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.



43.3782, 38.1485, 56.1166



76.2203, 64.3769, 100.8778



41.2320, 37.2900, 44.8153



10.4973, 10.2475, 12.7095



21.0295, 10.1016, 34.3970



0.9086, 0.4365, 1.4862

Inverse Universe

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



43.3782, 38.1485, 56.1166



76.2203, 64.3769, 100.8778



40.0214, 48.3936, 47.0223



10.4973, 10.2475, 12.7095



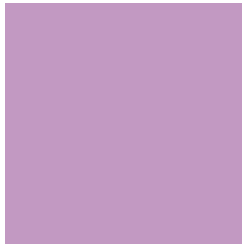
21.0295, 10.1016, 34.3970



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 43.3770, 38.1468, 56.1158 looks on a white background.

Color Contrast Check

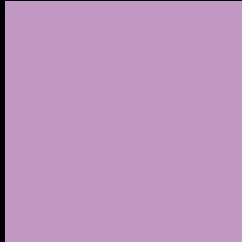
Large Text (above 18pt) WCAG AA × Fail

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 43.3770, 38.1468, 56.1158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

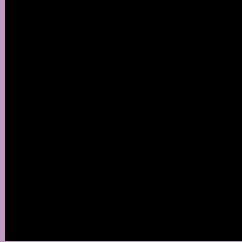
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3770, 38.1468, 56.1158

Background



This preview shows how black text looks on a background with the XYZ color 43.3770, 38.1468, 56.1158.



This preview shows how white text looks on a background with the XYZ color 43.3770, 38.1468,

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

43.3770, 38.1468, 56.1158

Protanopia

38.2164, 38.4436, 61.2833

Deuteranopia

39.0123, 38.1925, 55.1849



Tritanopia

40.7985, 38.0926, 43.2325

Trichromacy



Original Color

43.3770, 38.1468, 56.1158

Protanomaly

39.8483, 38.2712, 59.3197

Deuteranomaly

40.6142, 38.2302, 55.6907

Tritanomaly

41.7634, 38.2381, 47.8273

Monochromacy



Original Color

43.3770, 38.1468, 56.1158

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.0025, 39.3893, 48.1424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3770, 38.1468, 56.1158 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, 194)` looks like.

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

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, 194) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 43.3770, 38.1468, 56.1158 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, 194) }
```


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

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

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, 194)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 43.3770, 38.1468, 56.1158 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, 194) }
```

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

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

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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