

Converting Colors

XYZ(51.1091, 38.4895, 56.3652)

Have a look what the booklet for
XYZ(51.1091, 38.4895, 56.3652)
contains.

XYZ(51.1091, 38.4895, 56.3652)	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(51.1091, 38.4895,
56.3652)**

Conversions

Conversions Part 1

Format	Color
Hex	E589C3
RGB	229, 137, 195
RGB Percent	90%, 54%, 76%
CMY	0.1020, 0.4627, 0.2353
CMYK	0.00, 0.40, 0.15, 0.10
HSL	322°, 64%, 72%
HSV	322°, 40%, 90%
XYZ	51.1091, 38.4895, 56.3652
YIQ	171.1200, 36.2140, 37.5420

Conversions

Conversions Part 2

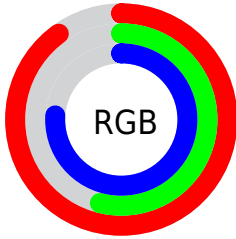
Format	Color
R_{YB}	229, 137, 195
Decimal	15043011
CIE _{Lab}	68.38, 42.88, -15.11
CIE _{LCh}	68, 45.466, 340.595
Yxy	38.4895, 0.3501, 0.2637
Android (android.graphics.Color)	4293233091 (0xFFE589C3)
YUV	171.1200, 11.7728, 50.7608
Hunter-Lab	62.0399, 38.4803, -10.4389

Details

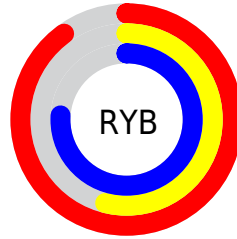
The XYZ color **51.1091, 38.4895, 56.3652** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.6883, 64.2984, 48.5338**, and the grayscale version is **38.7000, 40.7155, 44.3391**.

A 20% lighter version of the original color is **77.6603, 65.9875, 100.7392**, and **24.9913, 17.0344, 27.1701** is the 20% darker color. If you saturate the color by 10%, you get **47.2628, 32.2847, 50.4949**, and if you desaturate by 10%, it is **55.7028, 46.1011, 62.7530**.

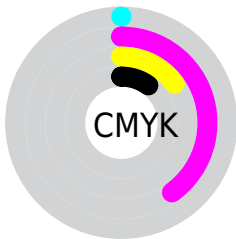
Distribution



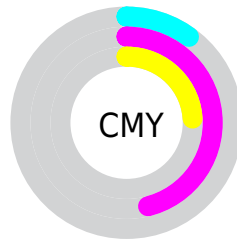
- Red (90%)
- Green (54%)
- Blue (76%)



- Red (90%)
- Yellow (54%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (15%)
- Black (10%)





- Cyan (10%)
- Magenta (46%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1091, 38.4895, 56.3652 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 51.1091, 38.4895, 56.3652 by changing the saturation by 10% instead.


 51.1091, 38.4895,
56.3652

 51.1091, 38.4895,
56.3652


381.3682,
339.7152, 428.4933


 36.5168, 26.3628,
40.0898


 90.9981, 72.8578,
101.0295

 25.0056, 17.0953,
27.2943


 117.0255, 95.8682,
130.2554

 16.2100, 10.3024,
17.5600


 147.5953,
123.2753, 164.6354

 9.7646, 5.5999,
10.4684

183.0729,
155.4635, 204.5878

 5.3043, 2.6034,
5.6009

223.8236,
192.8172, 250.5313

 2.4634, 0.9284,
2.5392

270.2128,

 0.8769, 0.0000,

235.7208, 302.8843

0.8608

322.6059,
284.5586, 362.0655

■ 0.0000, 0.0000,
0.0000

■ 51.1091, 38.4895,
56.3652

■ 51.1091, 38.4895,
56.3652

■ 47.2628, 32.2847,
50.4949

■ 55.7028, 46.1011,
62.7530

■ 44.1153, 27.3928,
45.1205

■ 61.0814, 55.1950,
69.6740

■ 41.6179, 23.7170,
40.2215


■ 67.2842, 65.8474,
77.1458

■ 39.7133, 21.1444,
35.7742


■ 74.3464, 78.1281,
85.1844


■ 38.3336, 19.5409,
31.7513

■ 82.3015, 92.1023,
93.8047

 37.3754, 18.6830,
28.1685

 84.6745, 94.8186,
100.8525

 86.0021, 95.3496,
107.8438

 86.1234, 95.3981,
108.4822

Harmonies

Analogous

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



46.2565, 38.4895, 79.3840



51.1091, 38.4895, 56.3652



51.7938, 38.4895, 35.0911

Triad

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



51.1091, 38.4895, 56.3652



34.1180, 38.4895, 13.9360



27.1231, 38.4895, 73.0282

Complementary

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



51.1091, 38.4895, 56.3652



45.6883, 64.2984, 48.5338

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.



24.6866, 38.4895, 49.5562



51.1091, 38.4895, 56.3652



28.3621, 38.4895, 18.5932

Square

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



51.1091, 38.4895, 56.3652



41.3332, 38.4895, 14.6993



25.1086, 38.4895, 30.1628



32.2116, 38.4895, 90.9659

Rectangle

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



51.1091, 38.4895, 56.3652



49.7091, 38.4895, 24.9225



25.1086, 38.4895, 30.1628



25.9987, 38.4895, 65.2566

Sweetspot

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



51.1103, 38.4913, 56.3660



84.2855, 81.2995, 96.5919



39.8269, 32.1786, 78.2413



17.8105, 17.0051, 20.4015



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.



51.1103, 38.4913, 56.3660



61.1762, 42.5671, 65.8098



46.7064, 36.7297, 33.1755



14.7573, 14.5201, 16.9224



21.4292, 10.7059, 16.4211



1.6280, 0.8089, 1.4476

Inverse Universe

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



51.1103, 38.4913, 56.3660



61.1762, 42.5671, 65.8098



50.8269, 66.3539, 75.5937



14.7573, 14.5201, 16.9224



21.4292, 10.7059, 16.4211



1.6280, 0.8089, 1.4476

Previews

White Background



This preview shows how the XYZ color 51.1091, 38.4895, 56.3652 looks on a white background.

Color Contrast Check

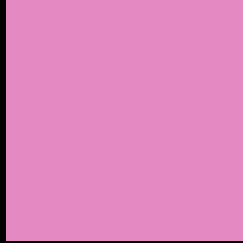
Large Text (above 18pt) WCAG AA × Fail

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 51.1091, 38.4895, 56.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

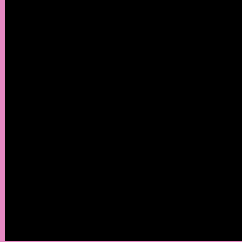
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1091, 38.4895, 56.3652

Background



This preview shows how black text looks on a background with the XYZ color 51.1091, 38.4895, 56.3652.



This preview shows how white text looks on a background with the XYZ color 51.1091, 38.4895,

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

51.1091, 38.4895, 56.3652

Protanopia

39.2384, 38.7851, 69.7082

Deuteranopia

39.4047, 38.6827, 54.1049



Tritanopia

47.1775, 38.6586, 36.4278

Trichromacy



Original Color

51.1091, 38.4895, 56.3652



Protanomaly

42.3979, 37.9418, 64.7634



Deuteranomaly

43.0623, 38.2544, 54.9834



Tritanomaly

48.2927, 38.4170, 42.9001

Monochromacy



Original Color

51.1091, 38.4895, 56.3652



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

42.3746, 39.2980, 48.5319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1091, 38.4895, 56.3652 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(229, 137, 195)` looks like.

```
.text, #text, p{  
    color:rgb(229, 137, 195)  
}
```

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(229, 137, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 137, 195) }
```

Border

The CSS property to change the border of an element to XYZ 51.1091, 38.4895, 56.3652 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(229, 137, 195) }
```


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

```
.border{ border-color:rgb(229, 137, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 137, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 137, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 137, 195);  
box-shadow:4px 4px 4px 4px rgb(229, 137,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1091, 38.4895, 56.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 137, 195) }
```

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

```
.background{ background-color: rgb(229,  
137, 195) }
```

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