

Converting Colors

XYZ(51.6869, 38.8134, 54.3468)

Have a look what the booklet for
XYZ(51.6869, 38.8134, 54.3468)
contains.

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Color

**XYZ(51.7388, 38.8529,
54.6416)**

Conversions

Conversions Part 1

Format	Color
Hex	E889C0
RGB	232, 137, 192
RGB Percent	91%, 54%, 75%
CMY	0.0902, 0.4627, 0.2471
CMYK	0.00, 0.41, 0.17, 0.09
HSL	325°, 67%, 72%
HSV	325°, 41%, 91%
XYZ	51.7388, 38.8529, 54.6416
YIQ	171.6750, 38.9650, 37.2450

Conversions

Conversions Part 2

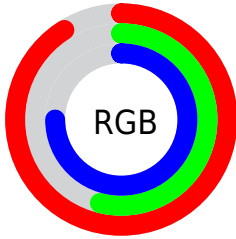
Format	Color
R_{YB}	232, 137, 192
Decimal	15239616
CIE _{Lab}	68.64, 43.41, -13.00
CIE _{LCh}	69, 45.309, 343.333
Yxy	38.8529, 0.3562, 0.2675
Android (android.graphics.Color)	4293429696 (0xFFE889C0)
YUV	171.6750, 10.0202, 52.9050
Hunter-Lab	62.3321, 39.0829, -8.3424

Details

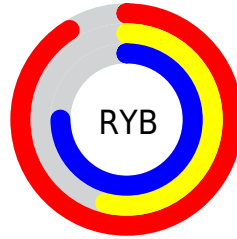
The XYZ color **51.7388, 38.8529, 54.6416** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **47.1107, 66.2070, 51.8942**, and the grayscale version is **38.9868, 41.0172, 44.6677**.

A 20% lighter version of the original color is **77.0329, 65.7366, 97.4353**, and **25.4370, 17.2896, 26.0413** is the 20% darker color. If you saturate the color by 10%, you get **47.7419, 32.5338, 48.1451**, and if you desaturate by 10%, it is **56.5189, 46.6224, 61.7545**.

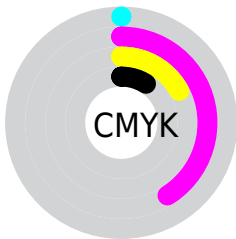
Distribution



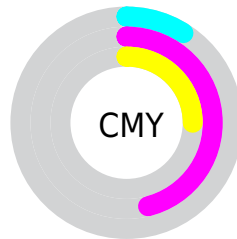
- Red (91%)
- Green (54%)
- Blue (75%)



- Red (91%)
- Yellow (54%)
- Blue (75%)



- Cyan (0%)
- Magenta (41%)
- Yellow (17%)
- Black (9%)





- Cyan (9%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7388, 38.8529, 54.6416 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 51.7388, 38.8529, 54.6416 by changing the saturation by 10% instead.


 51.7388, 38.8529,
54.6416


 51.7388, 38.8529,
54.6416


383.7679,
341.2647, 421.7955

 37.0203, 26.6453,
38.7182


 91.9224, 73.4135,
98.4815

 25.3970, 17.3070,
26.2344


 118.1183, 96.5354,
127.2351

 16.5034, 10.4536,
16.7718

 148.8707,
124.0641, 161.1025

 9.9742, 5.7008,
9.9117

184.5450,
156.3841, 200.5023

 5.4440, 2.6640,
5.2356

225.5065,
193.8798, 245.8529

 2.5474, 0.9589,
2.3250

272.1206,

 0.9192, 0.0000,

236.9355, 297.5730

0.7452

324.7526,
285.9357, 356.0810

■ 0.0000, 0.0000,
0.0000

■ 51.7388, 38.8529,
54.6416

■ 51.7388, 38.8529,
54.6416

■ 47.7419, 32.5338,
48.1451

■ 56.5189, 46.6224,
61.7545

■ 44.4774, 27.5672,
42.2400

■ 62.1218, 55.9209,
69.5024

■ 41.8938, 23.8520,
36.9026

■ 68.5886, 66.8278,
77.9058

■ 39.9309, 21.2701,
32.1055

■ 75.9565, 79.4156,
86.9835

■ 38.5170, 19.6804,
27.8173

■ 84.2603, 93.7521,
96.7532

■ 37.6038, 18.8858,
24.3316

■ 86.3908, 95.6167,
104.8511

■ 87.0889, 95.8959,
108.5274

Harmonies

Analogous

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



47.1972, 38.8529, 77.9243



51.7388, 38.8529, 54.6416



51.9987, 38.8529, 33.8529

Triad

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



51.7388, 38.8529, 54.6416



33.8458, 38.8529, 14.3802



27.7979, 38.8529, 75.5131

Complementary

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



51.7388, 38.8529, 54.6416



47.1107, 66.2070, 51.8942

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.



25.0938, 38.8529, 52.0565



51.7388, 38.8529, 54.6416



28.2690, 38.8529, 19.6289

Square

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



51.7388, 38.8529, 54.6416



41.0168, 38.8529, 14.6712



25.2543, 38.8529, 31.9795



33.1214, 38.8529, 92.3908

Rectangle

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



51.7388, 38.8529, 54.6416



49.6573, 38.8529, 24.1365



25.2543, 38.8529, 31.9795



26.5851, 38.8529, 67.8594

Sweetspot

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



51.7400, 38.8547, 54.6424



84.0476, 81.2043, 95.3393



41.5496, 33.0179, 80.5276



17.7545, 16.9827, 20.1064



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.



51.7400, 38.8547, 54.6424



59.9358, 41.5212, 60.9730



47.3303, 37.0909, 31.4213



14.7251, 14.5072, 16.7526



20.9402, 10.5103, 13.8462



1.5936, 0.7951, 1.2662

Inverse Universe

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



51.7400, 38.8547, 54.6424



59.9358, 41.5212, 60.9730



52.6403, 68.4189, 81.0128



14.7251, 14.5072, 16.7526



20.9402, 10.5103, 13.8462



1.5936, 0.7951, 1.2662

Previews

White Background



This preview shows how the XYZ color 51.7388, 38.8529, 54.6416 looks on a white background.

Color Contrast Check

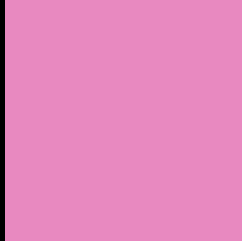
Large Text (above 18pt) WCAG AA × Fail

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 51.7388, 38.8529, 54.6416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

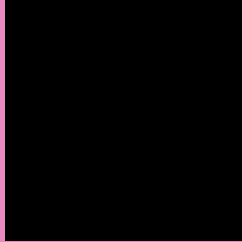
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7388, 38.8529, 54.6416

Background



This preview shows how black text looks on a background with the XYZ color 51.7388, 38.8529, 54.6416.



This preview shows how white text looks on a background with the XYZ color 51.7388, 38.8529,

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

51.7388, 38.8529, 54.6416

Protanopia

39.4245, 39.1940, 67.7747

Deuteranopia

39.7460, 38.8962, 52.4266



Tritanopia

47.8846, 38.8071, 35.9771

Trichromacy



Original Color

51.7388, 38.8529, 54.6416



Protanomaly

42.5080, 38.0408, 62.8598



Deuteranomaly

43.5059, 38.5211, 53.2864



Tritanomaly

48.9059, 38.5349, 41.9062

Monochromacy



Original Color

51.7388, 38.8529, 54.6416



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

42.7830, 39.5203, 48.0211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7388, 38.8529, 54.6416 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(232, 137, 192)` looks like.

```
.text, #text, p{  
    color:rgb(232, 137, 192)  
}
```

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(232, 137, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 137, 192) }
```

Border

The CSS property to change the border of an element to XYZ 51.7388, 38.8529, 54.6416 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(232, 137, 192) }
```


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

```
.border{ border-color:rgb(232, 137, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 137, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 137, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 137, 192);  
box-shadow:4px 4px 4px 4px rgb(232, 137,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7388, 38.8529, 54.6416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 137, 192) }
```

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

```
.background{ background-color: rgb(232,  
137, 192) }
```

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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