

Converting Colors

XYZ(51.7590, 39.5059, 36.1043)

Have a look what the booklet for
XYZ(51.7590, 39.5059, 36.1043)
contains.

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Color

**XYZ(51.6228, 39.4208,
35.8985)**

Conversions

Conversions Part 1

Format	Color
Hex	F28A9B
RGB	242, 138, 155
RGB Percent	95%, 54%, 61%
CMY	0.0510, 0.4588, 0.3922
CMYK	0.00, 0.43, 0.36, 0.05
HSL	350°, 80%, 75%
HSV	350°, 43%, 95%
XYZ	51.6228, 39.4208, 35.8985
YIQ	171.0340, 56.5270, 27.3350

Conversions

Conversions Part 2

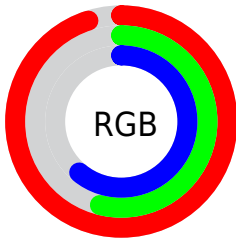
Format	Color
R _Y B	242, 138, 155
Decimal	15895195
CIE _{Lab}	69.05, 41.33, 8.48
CIE _{LCh}	69, 42.192, 11.595
Y _{xy}	39.4208, 0.4067, 0.3105
Android (android.graphics.Color)	4294085275 (0xFFFF28A9B)
Y _{UV}	171.0340, -7.9048, 62.2372
Hunter-Lab	62.7860, 36.8877, 10.0506

Details

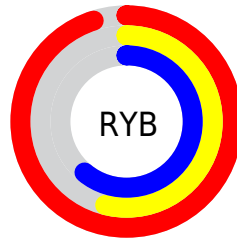
The XYZ color **51.6228, 39.4208, 35.8985** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.8259, 74.3446, 82.6459**, and the grayscale version is **38.7454, 40.7632, 44.3911**.

A 20% lighter version of the original color is **71.8186, 64.0034, 68.8902**, and **25.2756, 17.5638, 15.1547** is the 20% darker color. If you saturate the color by 10%, you get **46.9694, 32.6107, 26.6505**, and if you desaturate by 10%, it is **57.3368, 47.8957, 46.9072**.

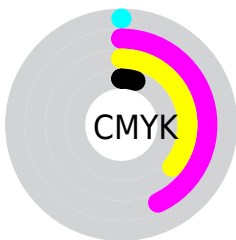
Distribution



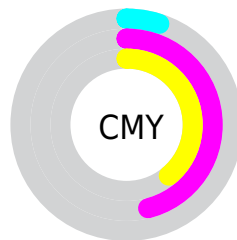
- Red (95%)
- Green (54%)
- Blue (61%)



- Red (95%)
- Yellow (54%)
- Blue (61%)



- Cyan (0%)
- Magenta (43%)
- Yellow (36%)
- Black (5%)





- Cyan (5%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6228, 39.4208, 35.8985 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 51.6228, 39.4208, 35.8985 by changing the saturation by 10% instead.


 51.6228, 39.4208,
35.8985


 51.6228, 39.4208,
35.8985


383.3266,
343.6763, 343.5407


 36.9276, 27.0872,
24.0667


 91.7522, 74.2807,
70.0427

 25.3248, 17.6388,
15.1705


 117.9171, 97.5759,
93.1921

 16.4492, 10.6909,
8.7912


 148.6360,
125.2937, 120.9513

 9.9355, 5.8594,
4.5103

184.2741,
157.8185, 153.7386

 5.4181, 2.7598,
1.9092

225.1969,
195.5348, 191.9727

 2.5319, 1.0076,
0.4986

271.7696,

 0.9114, 0.0000,

238.8269, 236.0720

0.0000

324.3578,
288.0793, 286.4552

■ 0.0000, 0.0000,
0.0000

■ 51.6228, 39.4208,
35.8985

■ 51.6228, 39.4208,
35.8985

■ 46.9694, 32.6107,
26.6505

■ 57.3368, 47.8957,
46.9072

■ 43.3074, 27.3500,
19.0688

■ 64.1687, 58.1291,
59.7597

■ 40.5639, 23.5176,
13.0535

■ 72.1753, 70.2149,
74.5364

■ 38.6547, 20.9721,
8.4927

■ 81.4087, 84.2385,
91.3124

■ 37.4790, 19.5426,
5.2590

■ 90.4279, 97.6172,
108.6837

■ 36.9932, 19.0274,
3.6902

Harmonies

Analogous

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



51.1319, 39.4208, 55.7147



51.6228, 39.4208, 35.8985



47.9993, 39.4208, 22.7263

Triad

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



51.6228, 39.4208, 35.8985



29.5199, 39.4208, 20.7498



33.5305, 39.4208, 88.5457

Complementary

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



51.6228, 39.4208, 35.8985



55.8259, 74.3446, 82.6459

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.



28.6026, 39.4208, 72.5141



51.6228, 39.4208, 35.8985



26.4854, 39.4208, 32.2556

Square

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



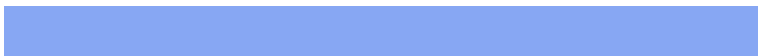
51.6228, 39.4208, 35.8985



34.9279, 39.4208, 15.8981



26.1710, 39.4208, 50.8078



40.1289, 39.4208, 90.4044

Rectangle

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



51.6228, 39.4208, 35.8985



43.9651, 39.4208, 17.8861



26.1710, 39.4208, 50.8078



31.6453, 39.4208, 84.4533

Sweetspot

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



51.6239, 39.4228, 35.8993



81.2235, 78.9837, 83.8310



56.0643, 40.5439, 88.8751



16.9333, 16.2220, 17.1146



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.



51.6239, 39.4228, 35.8993



53.2881, 37.2932, 30.8029



56.0865, 50.4736, 30.8337



15.8781, 15.8010, 16.9145



19.9059, 10.2348, 2.1549



1.6867, 0.8637, 0.3411

Inverse Universe

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



51.6239, 39.4228, 35.8993



53.2881, 37.2932, 30.8029



48.9036, 56.6031, 92.3523



15.8781, 15.8010, 16.9145



19.9059, 10.2348, 2.1549



1.6867, 0.8637, 0.3411

Previews

White Background



This preview shows how the XYZ color 51.6228, 39.4208, 35.8985 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 51.6228, 39.4208, 35.8985 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 51.6228, 39.4208, 35.8985

Background



This preview shows how black text looks on a background with the XYZ color 51.6228, 39.4208, 35.8985.



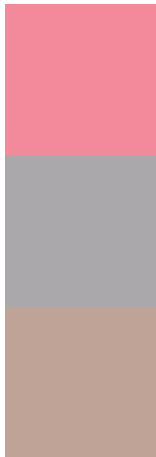
This preview shows how white text looks on a background with the XYZ color 51.6228, 39.4208,

35.8985.

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

51.6228, 39.4208, 35.8985

Protanopia

38.2436, 39.6417, 44.6657

Deuteranopia

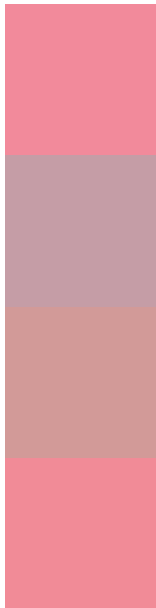
40.4213, 39.6352, 34.7981



Tritanopia

50.9331, 39.3359, 33.3419

Trichromacy



Original Color

51.6228, 39.4208, 35.8985

Protanomaly

41.9659, 38.7374, 41.3416

Deuteranomaly

43.8014, 39.0798, 34.9403

Tritanomaly

51.0942, 39.4004, 34.1902

Monochromacy



Original Color

51.6228, 39.4208, 35.8985

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.2156, 39.3832, 40.9740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6228, 39.4208, 35.8985 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(242, 138, 155) looks like.

```
.text, #text, p{  
    color:rgb(242, 138, 155)  
}
```

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(242, 138, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 138, 155) }
```

Border

The CSS property to change the border of an element to XYZ 51.6228, 39.4208, 35.8985 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(242, 138, 155) }
```


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

```
.border{ border-color:rgb(242, 138, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 138, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 138, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 138, 155);  
box-shadow:4px 4px 4px 4px rgb(242, 138,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6228, 39.4208, 35.8985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 138, 155) }
```

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

```
.background{ background-color: rgb(242,  
138, 155) }
```

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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