

# Converting Colors

XYZ(52.2705, 39.0203, 31.1623)

Have a look what the booklet for  
XYZ(52.2705, 39.0203, 31.1623)  
contains.

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# Color

**XYZ(52.2705, 39.0203,  
31.1623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F88690
RGB	248, 134, 144
RGB Percent	97%, 53%, 56%
CMY	0.0275, 0.4745, 0.4353
CMYK	0.00, 0.46, 0.42, 0.03
HSL	355°, 89%, 75%
HSV	355°, 46%, 97%
XYZ	52.2705, 39.0203, 31.1623
YIQ	169.2260, 64.7340, 27.2780

# Conversions

## Conversions Part 2

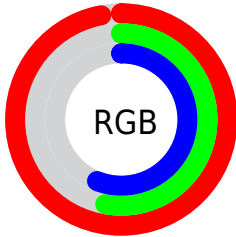
Format	Color
R <sub>Y</sub> B	248, 134, 144
Decimal	16287376
CIE Lab	68.77, 44.28, 14.35
CIE LCh	69, 46.543, 17.954
Yxy	39.0203, 0.4269, 0.3187
Android (android.graphics.Color)	4294477456 (0xFFFF88690)
YUV	169.2260, -12.4364, 69.0848
Hunter-Lab	62.4662, 40.0493, 14.1486

# Details

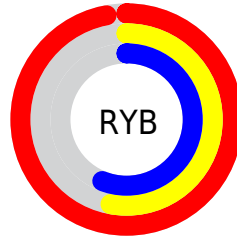
The XYZ color **52.2705, 39.0203, 31.1623** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.8335, 78.3769, 92.9209**, and the grayscale version is **37.8623, 39.8341, 43.3793**.

A 20% lighter version of the original color is **69.6306, 61.7324, 61.6717**, and **25.7018, 17.3844, 12.5906** is the 20% darker color. If you saturate the color by 10%, you get **47.6763, 32.3277, 21.9371**, and if you desaturate by 10%, it is **58.0169, 47.4627, 42.4820**.

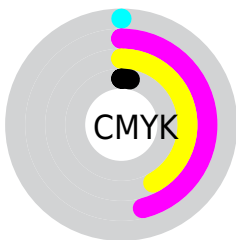
# Distribution



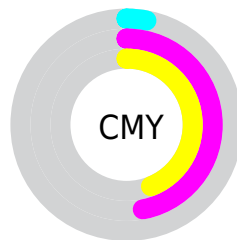
- Red (97%)
- Green (53%)
- Blue (56%)



- Red (97%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (3%)




- Cyan (3%)
- Magenta (47%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2705, 39.0203, 31.1623 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 52.2705, 39.0203, 31.1623 by changing the saturation by 10% instead.





 52.2705, 39.0203,  
31.1623


 52.2705, 39.0203,  
31.1623


385.7868,  
341.9768, 321.6597


 37.4459, 26.7755,  
20.4630


 92.7019, 73.6693,  
62.5781

 25.7282, 17.4047,  
12.5446


 119.0394, 96.8424,  
84.1316

 16.7520, 10.5235,  
6.9887


 149.9452,  
124.4269, 110.1403

 10.1520, 5.7474,  
3.3767

185.7848,  
156.8075, 141.0226

 5.5629, 2.6921,  
1.2900

226.9233,  
194.3683, 177.1972

 2.6193, 0.9732,  
0.0536


273.7263,


 0.9558, 0.0000,


237.4939, 219.0825


0.0000


326.5590,  
286.5686, 267.0972


 0.0000, 0.0000,  
0.0000


 52.2705, 39.0203,  
31.1623


 52.2705, 39.0203,  
31.1623


 47.6763, 32.3277,  
21.9371


 58.0169, 47.4627,  
42.4820

 44.1535, 27.2566,  
14.6756


 64.9831, 57.7596,  
56.0117


 41.6155, 23.6707,  
9.2356

 73.2349, 70.0143,  
71.8612

 39.9608, 21.4088,  
5.4547

 82.8327, 84.3212,  
90.1320

 39.0655, 20.2719,  
3.1414

 92.5213, 98.6964,  
108.7817

■ 38.8536, 20.0133,  
2.5612

# Harmonies

## Analogous

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



52.7472, 39.0203, 51.5332



52.2705, 39.0203, 31.1623



47.4126, 39.0203, 18.9100

# Triad

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



52.2705, 39.0203, 31.1623



27.5268, 39.0203, 20.6875



34.2077, 39.0203, 95.8307

# Complementary

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



52.2705, 39.0203, 31.1623



58.8335, 78.3769, 92.9209

# 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.



28.3822, 39.0203, 80.3201



52.2705, 39.0203, 31.1623



24.8816, 39.0203, 34.5658

# Square

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



52.2705, 39.0203, 31.1623



32.8880, 39.0203, 14.3892



25.1725, 39.0203, 56.2672



41.6303, 39.0203, 93.9804



# Rectangle

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



52.2705, 39.0203, 31.1623



42.6660, 39.0203, 14.8762



25.1725, 39.0203, 56.2672



32.0180, 39.0203, 92.3075

# Sweetspot

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



52.2715, 39.0223, 31.1630



79.8924, 77.3767, 80.1341



60.2611, 41.7654, 93.6920



16.6552, 15.8994, 16.3019



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.



52.2715, 39.0223, 31.1630



51.1760, 34.9980, 24.1523



59.2563, 54.1608, 29.8879



17.3064, 17.2499, 18.2032



21.0096, 10.8195, 1.4928



1.9662, 1.0102, 0.2454



# Inverse Universe

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



52.2715, 39.0223, 31.1630



51.1760, 34.9980, 24.1523



47.9911, 54.2765, 96.7537



17.3064, 17.2499, 18.2032



21.0096, 10.8195, 1.4928



1.9662, 1.0102, 0.2454



# Previews

## White Background



This preview shows how the XYZ color 52.2705, 39.0203, 31.1623 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 52.2705, 39.0203, 31.1623 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 52.2705, 39.0203, 31.1623**

## **Background**



This preview shows how black text looks on a background with the XYZ color 52.2705, 39.0203, 31.1623.



This preview shows how white text looks on a background with the XYZ color 52.2705, 39.0203,



# 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

52.2705, 39.0203, 31.1623

### Protanopia

37.6692, 39.4627, 39.3499

### Deuteranopia

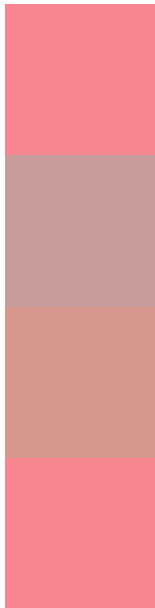
40.0862, 39.3068, 29.9003



## Tritanopia

52.2705, 39.0203, 31.1623

# Trichromacy



## Original Color

52.2705, 39.0203, 31.1623

## Protanomaly

41.6243, 38.4229, 36.2329

## Deuteranomaly

43.7675, 38.6757, 30.3577

## Tritanomaly

52.2705, 39.0203, 31.1623

# Monochromacy



## Original Color

52.2705, 39.0203, 31.1623

## Achromatopsia

37.7116, 39.6755, 43.2066

## Achromatomaly

41.5223, 38.3208, 38.4659

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.2705, 39.0203, 31.1623 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(248, 134, 144)` looks like.

```
.text, #text, p{  
    color:rgb(248, 134, 144)  
}
```

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(248, 134, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 134, 144) }
```

## Border

The CSS property to change the border of an element to XYZ 52.2705, 39.0203, 31.1623 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(248, 134, 144) }
```



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

```
.border{ border-color:rgb(248, 134, 144) }
```

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

Here you see how a box with a 4 pixel rgb(248, 134, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 134, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 134, 144);  
box-shadow:4px 4px 4px 4px rgb(248, 134,  
144) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.2705, 39.0203, 31.1623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 134, 144) }
```

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

```
.background{ background-color: rgb(248,  
134, 144) }
```

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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