

Converting Colors

XYZ(52.2129, 39.4780, 28.3180)

Have a look what the booklet for
XYZ(52.2129, 39.4780, 28.3180)
contains.

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Color

**XYZ(52.3150, 39.5256,
28.1645)**

Conversions

Conversions Part 1

Format	Color
Hex	F98888
RGB	249, 136, 136
RGB Percent	98%, 53%, 53%
CMY	0.0235, 0.4666, 0.4667
CMYK	0.00, 0.45, 0.45, 0.02
HSL	0°, 90%, 75%
HSV	0°, 45%, 98%
XYZ	52.3150, 39.5256, 28.1645
YIQ	169.7870, 67.3480, 23.9560

Conversions

Conversions Part 2

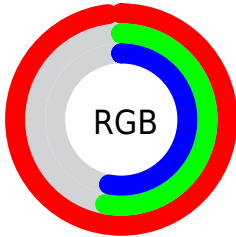
Format	Color
R_{YB}	249, 136, 136
Decimal	16353416
CIE _{Lab}	69.13, 42.82, 19.34
CIE _{LCh}	69, 46.989, 24.311
Yxy	39.5256, 0.4359, 0.3294
Android (android.graphics.Color)	4294543496 (0xFFFF98888)
YUV	169.7870, -16.6570, 69.4698
Hunter-Lab	62.8694, 38.5123, 17.4476

Details

The XYZ color **52.3150, 39.5256, 28.1645** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.1261, 79.8214, 101.8077**, and the grayscale version is **38.1603, 40.1476, 43.7207**.

A 20% lighter version of the original color is **69.0561, 62.1957, 56.5094**, and **25.7592, 17.6772, 10.8585** is the 20% darker color. If you saturate the color by 10%, you get **47.6379, 32.6822, 18.8657**, and if you desaturate by 10%, it is **58.2195, 48.1662, 39.9010**.

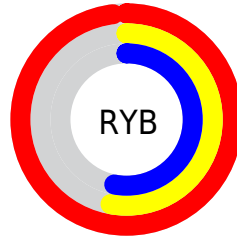
Distribution



Red (98%)

Green (53%)

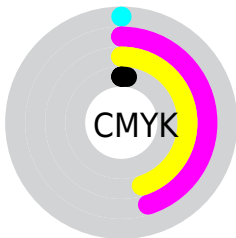
Blue (53%)



Red (98%)

Yellow (53%)

Blue (53%)

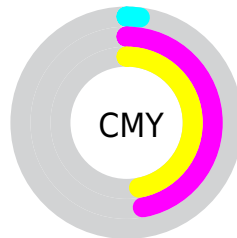


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (2%)



Cyan (2%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3150, 39.5256, 28.1645 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 52.3150, 39.5256, 28.1645 by changing the saturation by 10% instead.

 52.3150, 39.5256,
28.1645


 52.3150, 39.5256,
28.1645


385.9555,
344.1200, 307.1888


 37.4815, 27.1689,
18.2096


 92.7671, 74.4406,
57.7732

 25.7559, 17.7001,
10.9296


 119.1164, 97.7676,
78.2641

 16.7728, 10.7349,
5.9059


 150.0351,
125.5202, 103.1041

 10.1670, 5.8889,
2.7201

185.8884,
158.0827, 132.7116

 5.5729, 2.7776,
0.9535

227.0417,
195.8395, 167.5053

 2.6253, 1.0168,
0.0000

273.8605,

 0.9589, 0.0000,

239.1751, 207.9037

0.0000

326.7099,
288.4738, 254.3254

■ 0.0000, 0.0000,
0.0000

■ 52.3150, 39.5256,
28.1645

■ 52.3150, 39.5256,
28.1645

■ 47.6379, 32.6822,
18.8657

■ 58.2195, 48.1662,
39.9010

■ 44.0992, 27.5040,
11.8312

■ 65.4264, 58.7119,
54.2278

■ 41.6027, 23.8507,
6.8685


■ 74.0078, 71.2690,
71.2874

■ 40.0349, 21.5564,
3.7521

■ 84.0302, 85.9345,
91.2115

■ 39.2558, 20.4163,
2.2038

■ 92.8768, 98.8797,
108.7983

 39.0670, 20.1400,
1.8283

Harmonies

Analogous

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



53.8368, 39.5256, 47.2654



52.3150, 39.5256, 28.1645



46.6321, 39.5256, 17.4385

Triad

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



52.3150, 39.5256, 28.1645



27.0229, 39.5256, 23.1467



36.1553, 39.5256, 98.6596

Complementary

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



52.3150, 39.5256, 28.1645



61.1261, 79.8214, 101.8077

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.



29.7616, 39.5256, 86.0925



52.3150, 39.5256, 28.1645



24.9589, 39.5256, 39.0680

Square

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



52.3150, 39.5256, 28.1645



31.9340, 39.5256, 15.2897



25.8906, 39.5256, 62.3942



43.8283, 39.5256, 92.7627

Rectangle

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



52.3150, 39.5256, 28.1645



41.6073, 39.5256, 14.2482



25.8906, 39.5256, 62.3942



33.7988, 39.5256, 96.3544

Sweetspot

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



52.3160, 39.5276, 28.1652



79.4761, 77.2110, 77.9395



64.9700, 44.5879, 94.8043



16.5556, 15.8598, 15.7767



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.



52.3160, 39.5276, 28.1652



50.8657, 35.3457, 21.0637



62.4706, 59.8367, 31.5501



17.2448, 17.2254, 17.8783



20.9120, 10.7807, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

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



61.1261, 79.8214, 101.8077



61.1842, 82.5381, 107.3144



46.2121, 49.9933, 96.8363



17.7658, 19.6085, 22.2337



27.2838, 39.9231, 54.2415



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 52.3150, 39.5256, 28.1645 looks on a white background.

Color Contrast Check

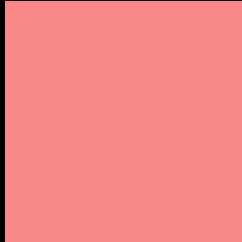
Large Text (above 18pt) WCAG AA × Fail

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 52.3150, 39.5256, 28.1645 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 52.3150, 39.5256, 28.1645

Background



This preview shows how black text looks on a background with the XYZ color 52.3150, 39.5256, 28.1645.



This preview shows how white text looks on a background with the XYZ color 52.3150, 39.5256,

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

52.3150, 39.5256, 28.1645

Protanopia

37.7600, 39.8730, 35.4119

Deuteranopia

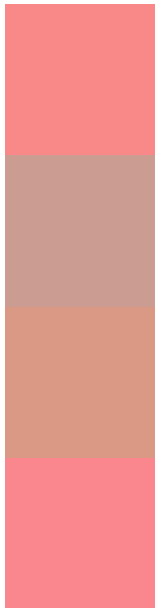
40.3058, 39.4851, 26.9698



Tritanopia

53.1224, 39.6656, 31.2419

Trichromacy



Original Color

52.3150, 39.5256, 28.1645

Protanomaly

41.8739, 38.8858, 32.4928

Deuteranomaly

44.2401, 39.2276, 27.4303

Tritanomaly

52.8960, 39.5750, 30.0501

Monochromacy



Original Color

52.3150, 39.5256, 28.1645

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.9516, 39.0645, 37.6769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3150, 39.5256, 28.1645 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(249, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(249, 136, 136)  
}
```

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(249, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 136, 136) }
```

Border

The CSS property to change the border of an element to XYZ 52.3150, 39.5256, 28.1645 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(249, 136, 136) }
```


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

```
.border{ border-color:rgb(249, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(249, 136,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3150, 39.5256, 28.1645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 136, 136) }
```

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

```
.background{ background-color: rgb(249,  
136, 136) }
```

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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