

Converting Colors

XYZ(50.7189, 38.4236, 28.0803)

Have a look what the booklet for
XYZ(50.7189, 38.4236, 28.0803)
contains.

XYZ(50.7641, 38.5180, 28.0517)	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(50.7641, 38.5180,
28.0517)**

Conversions

Conversions Part 1

Format	Color
Hex	F58788
RGB	245, 135, 136
RGB Percent	96%, 53%, 53%
CMY	0.0392, 0.4706, 0.4667
CMYK	0.00, 0.45, 0.44, 0.04
HSL	359°, 85%, 75%
HSV	359°, 45%, 96%
XYZ	50.7641, 38.5180, 28.0517
YIQ	168.0040, 65.2390, 23.6310

Conversions

Conversions Part 2

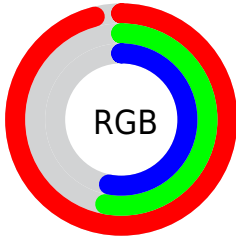
Format	Color
RYB	245, 135, 136
Decimal	16091016
CIELab	68.40, 41.88, 18.26
CIELCh	68, 45.684, 23.556
Yxy	38.5180, 0.4326, 0.3283
Android (android.graphics.Color)	4294281096 (0xFFFF58788)
YUV	168.0040, -15.7780, 67.5255
Hunter-Lab	62.0629, 37.3934, 16.6456

Details

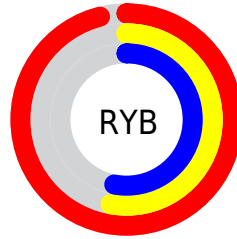
The XYZ color **50.7641, 38.5180, 28.0517** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.9752, 76.9882, 97.3445**, and the grayscale version is **37.2750, 39.2162, 42.7065**.

A 20% lighter version of the original color is **68.8388, 61.7610, 56.4370**, and **24.7046, 17.0208, 10.7874** is the 20% darker color. If you saturate the color by 10%, you get **46.1961, 31.8377, 18.9588**, and if you desaturate by 10%, it is **56.5113, 46.9313, 39.4663**.

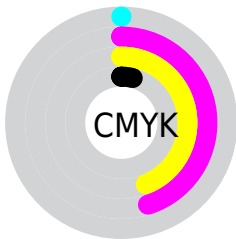
Distribution



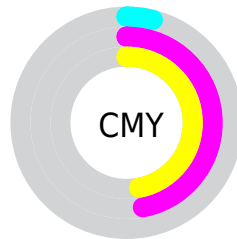
- Red (96%)
- Green (53%)
- Blue (53%)



- Red (96%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (44%)
- Black (4%)





- Cyan (4%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7641, 38.5180, 28.0517 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 50.7641, 38.5180, 28.0517 by changing the saturation by 10% instead.


 50.7641, 38.5180,
28.0517


 50.7641, 38.5180,
28.0517


380.0493,
339.8369, 306.6336


 36.2412, 26.3850,
18.1253


 90.4910, 72.9014,
57.5911

 24.7915, 17.1119,
10.8696


 116.4258, 95.9206,
78.0411

 16.0497, 10.3143,
5.8661


 146.8952,
123.3372, 102.8360

 9.6504, 5.6078,
2.6964

182.2646,
155.5358, 132.3944

 5.2283, 2.6081,
0.9416

222.8993,
192.9006, 167.1348

 2.4179, 0.9307,
0.0000

269.1648,

 0.8541, 0.0000,

235.8162, 207.4758

0.0000

321.4264,
284.6668, 253.8359

■ 0.0000, 0.0000,
0.0000

■ 50.7641, 38.5180,
28.0517

■ 50.7641, 38.5180,
28.0517

■ 46.1961, 31.8377,
18.9588

■ 56.5113, 46.9313,
39.4663

■ 42.7230, 26.7646,
12.0265

■ 63.5084, 57.1805,
53.3445

■ 40.2539, 23.1651,
7.0766

■ 71.8242, 69.3672,
69.8194

■ 38.6822, 20.8818,
3.9014

■ 81.5215, 83.5840,
89.0139

■ 37.8773, 19.7212,
2.2477

■ 91.4661, 98.1524,
108.7323

■ 37.6682, 19.4173,
1.8261

Harmonies

Analogous

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



52.0963, 38.5180, 46.5309



50.7641, 38.5180, 28.0517



45.4296, 38.5180, 17.5139

Triad

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



50.7641, 38.5180, 28.0517



26.5985, 38.5180, 22.5793



35.0840, 38.5180, 94.7065

Complementary

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



50.7641, 38.5180, 28.0517



58.9752, 76.9882, 97.3445

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.



29.0132, 38.5180, 82.4141



50.7641, 38.5180, 28.0517



24.5443, 38.5180, 37.6607

Square

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



50.7641, 38.5180, 28.0517



31.3703, 38.5180, 15.1520



25.3669, 38.5180, 59.7884



42.4033, 38.5180, 89.5668

Rectangle

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



50.7641, 38.5180, 28.0517



40.6549, 38.5180, 14.3178



25.3669, 38.5180, 59.7884



32.8431, 38.5180, 92.3745

Sweetspot

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



50.7651, 38.5200, 28.0524



80.5263, 78.7049, 80.1597



62.1660, 43.0068, 91.4107



16.7640, 16.1543, 16.2230



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.



50.7651, 38.5200, 28.0524



50.9388, 35.3736, 21.4526



60.0494, 57.2011, 30.8003



16.5052, 16.4849, 17.1412



20.2954, 10.4616, 0.9979



1.7859, 0.9203, 0.0987

Inverse Universe

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



50.7651, 38.5200, 28.0524



50.9388, 35.3736, 21.4526



45.2880, 49.3716, 93.5288



16.5052, 16.4849, 17.1412



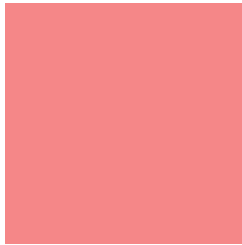
20.2954, 10.4616, 0.9979



1.7859, 0.9203, 0.0987

Previews

White Background



This preview shows how the XYZ color 50.7641, 38.5180, 28.0517 looks on a white background.

Color Contrast Check

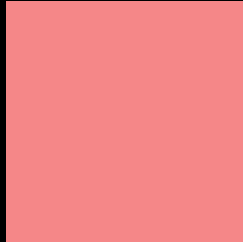
Large Text (above 18pt) WCAG AA × Fail

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 50.7641, 38.5180, 28.0517 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 50.7641, 38.5180, 28.0517

Background



This preview shows how black text looks on a background with the XYZ color 50.7641, 38.5180, 28.0517.



This preview shows how white text looks on a background with the XYZ color 50.7641, 38.5180,

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

50.7641, 38.5180, 28.0517

Protanopia

36.9418, 38.9031, 35.2678

Deuteranopia

39.4154, 38.7578, 27.2334



Tritanopia

51.5652, 38.6566, 31.1293

Trichromacy



Original Color

50.7641, 38.5180, 28.0517

Protanomaly

40.7291, 37.7974, 32.3431

Deuteranomaly

42.9024, 38.2961, 27.3210

Tritanomaly

51.3389, 38.5661, 29.9375

Monochromacy



Original Color

50.7641, 38.5180, 28.0517

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.6542, 37.9130, 36.6277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7641, 38.5180, 28.0517 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(245, 135, 136)` looks like.

```
.text, #text, p{  
    color:rgb(245, 135, 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(245, 135, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 135, 136) }
```

Border

The CSS property to change the border of an element to XYZ 50.7641, 38.5180, 28.0517 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(245, 135, 136) }
```


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

```
.border{ border-color:rgb(245, 135, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 135, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 135, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 135, 136);  
box-shadow:4px 4px 4px 4px rgb(245, 135,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7641, 38.5180, 28.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 135, 136) }
```

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

```
.background{ background-color: rgb(245,  
135, 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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