

Converting Colors

XYZ(47.3018, 35.2938, 20.5390)

Have a look what the booklet for
XYZ(47.3018, 35.2938, 20.5390)
contains.

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Color

**XYZ(47.3018, 35.2938,
20.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	F27F73
RGB	242, 127, 115
RGB Percent	95%, 50%, 45%
CMY	0.0510, 0.5019, 0.5490
CMYK	0.00, 0.48, 0.52, 0.05
HSL	6°, 83%, 70%
HSV	6°, 52%, 95%
XYZ	47.3018, 35.2938, 20.5390
YIQ	160.0170, 72.3920, 20.6480

Conversions

Conversions Part 2

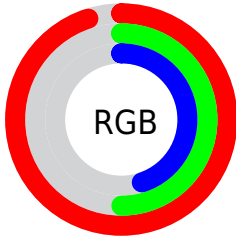
Format	Color
R _Y B	242, 128, 115
Decimal	15892339
CIE Lab	65.98, 42.88, 26.64
CIE LCh	66, 50.484, 31.847
Yxy	35.2938, 0.4586, 0.3422
Android (android.graphics.Color)	4294082419 (0xFFFF27F73)
YUV	160.0170, -22.1934, 71.8991
Hunter-Lab	59.4086, 38.1587, 21.0880

Details

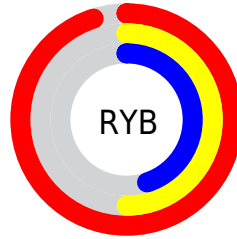
The XYZ color **47.3018, 35.2938, 20.5390** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **51.3922, 66.6455, 94.1592**, and the grayscale version is **33.4982, 35.2427, 38.3793**.

A 20% lighter version of the original color is **64.9430, 57.5059, 44.2361**, and **22.5853, 15.2612, 7.0655** is the 20% darker color. If you saturate the color by 10%, you get **43.5588, 29.7516, 13.2995**, and if you desaturate by 10%, it is **52.0274, 42.2166, 29.9097**.

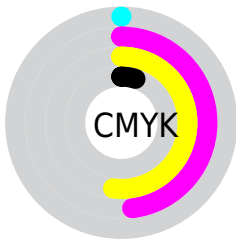
Distribution



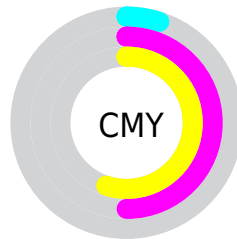
- Red (95%)
- Green (50%)
- Blue (45%)



- Red (95%)
- Yellow (50%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3018, 35.2938, 20.5390 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 47.3018, 35.2938, 20.5390 by changing the saturation by 10% instead.


 47.3018, 35.2938,
20.5390


 47.3018, 35.2938,
20.5390

366.6467,
325.8633, 267.5184

 33.4832, 23.8893,
12.5995


 85.3799, 67.9407,
45.1898

 22.6579, 15.2515,
7.0259


 110.3702, 89.9518,
62.7382

 14.4604, 8.9961,
3.3996


 139.8152,
116.2673, 84.3266

 8.5254, 4.7386,
1.3021

174.0801,
147.2714, 110.3737

 4.4876, 2.0947,
0.0635

213.5304,
183.3487, 141.2978

 1.9815, 0.6617,
0.0000

258.5313,

 0.6235, 0.0000,

224.8835, 177.5176

0.0000

309.4483,
272.2602, 219.4516

■ 0.0000, 0.0000,
0.0000

■ 47.3018, 35.2938,
20.5390

■ 47.3018, 35.2938,
20.5390

■ 43.5588, 29.7516,
13.2995

■ 52.0274, 42.2166,
29.9097

■ 40.7262, 25.4922,
8.0217

■ 57.7958, 50.5982,
41.5593

■ 38.7261, 22.4137,
4.5135


■ 64.6653, 60.5175,
55.6246

■ 37.4660, 20.3962,
2.5431

■ 72.6892, 72.0464,
72.2310

■ 36.9217, 19.4851,
1.8150

■ 81.9175, 85.2519,
91.4953

 90.4278, 97.6171,
108.6837

Harmonies

Analogous

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



50.0663, 35.2938, 37.1172



47.3018, 35.2938, 20.5390



40.7974, 35.2938, 12.3560

Triad

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



47.3018, 35.2938, 20.5390



22.3984, 35.2938, 22.0901



34.0112, 35.2938, 96.0271

Complementary

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



47.3018, 35.2938, 20.5390



51.3922, 66.6455, 94.1592

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.



27.2086, 35.2938, 87.3692



47.3018, 35.2938, 20.5390



21.1293, 35.2938, 39.7712

Square

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



47.3018, 35.2938, 20.5390



26.5166, 35.2938, 12.9893



22.7543, 35.2938, 64.5087



41.7187, 35.2938, 85.0950

Rectangle

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



47.3018, 35.2938, 20.5390



35.6265, 35.2938, 10.3806



22.7543, 35.2938, 64.5087



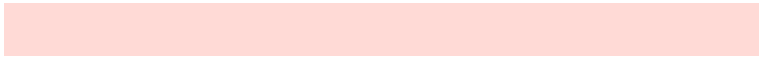
31.5476, 35.2938, 95.3018

Sweetspot

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



47.3027, 35.2956, 20.5396



78.4894, 76.2977, 74.3424



57.2313, 36.9320, 80.0221



16.3984, 15.7540, 15.0810



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.



47.3027, 35.2956, 20.5396



48.8023, 33.1268, 14.4942



57.9279, 56.5461, 24.0814



15.8930, 15.9991, 16.4002



19.8775, 10.5531, 0.9893



1.6940, 0.9588, 0.0958

Inverse Universe

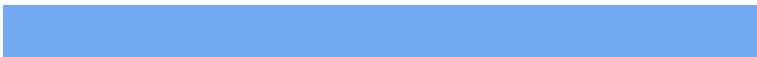
The Inverse Universe completely reimagines the original color for something new.



51.3922, 66.6455, 94.1592



53.8070, 71.8280, 105.6360



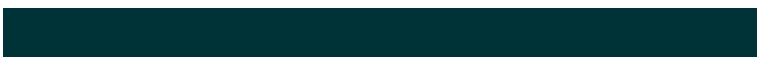
37.0847, 38.0304, 89.3900



16.1122, 17.6585, 20.2808



22.2902, 30.8047, 49.8990



1.8912, 2.6364, 4.1634

Previews

White Background



This preview shows how the XYZ color 47.3018, 35.2938, 20.5390 looks on a white background.

Color Contrast Check

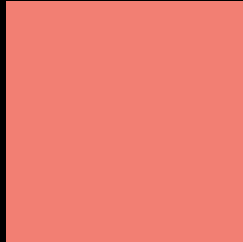
Large Text (above 18pt) WCAG AA × Fail

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 47.3018, 35.2938, 20.5390 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 47.3018, 35.2938, 20.5390

Background



This preview shows how black text looks on a background with the XYZ color 47.3018, 35.2938, 20.5390.



This preview shows how white text looks on a background with the XYZ color 47.3018, 35.2938,

20.5390.

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

47.3018, 35.2938, 20.5390

Protanopia

33.1776, 35.2994, 26.1839

Deuteranopia

36.1083, 35.4435, 19.6900



Tritanopia

48.4034, 35.1634, 26.4264

Trichromacy



Original Color

47.3018, 35.2938, 20.5390

Protanomaly

37.0565, 34.3962, 24.0881

Deuteranomaly

39.4762, 34.8180, 19.9692

Tritanomaly

48.0617, 35.2283, 24.0053

Monochromacy



Original Color

47.3018, 35.2938, 20.5390

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.8592, 34.1406, 31.0327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3018, 35.2938, 20.5390 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, 127, 115)` looks like.

```
.text, #text, p{  
    color:rgb(242, 127, 115)  
}
```

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, 127, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 127, 115) }
```

Border

The CSS property to change the border of an element to XYZ 47.3018, 35.2938, 20.5390 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, 127, 115) }
```


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

```
.border{ border-color:rgb(242, 127, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 127, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 127, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 127, 115); box-shadow:4px 4px 4px 4px rgb(242, 127, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3018, 35.2938, 20.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 127, 115) }
```

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

```
.background{ background-color: rgb(242,  
127, 115) }
```

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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