

Converting Colors

XYZ(58.0208, 47.7897, 29.2021)

Have a look what the booklet for
XYZ(58.0208, 47.7897, 29.2021)
contains.

XYZ(58.0113, 47.8055, 29.0915)	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(58.0113, 47.8055,
29.0915)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F87
RGB	255, 159, 135
RGB Percent	100%, 62%, 53%
CMY	0.0000, 0.3764, 0.4706
CMYK	0.00, 0.38, 0.47, 0.00
HSL	12°, 100%, 76%
HSV	12°, 47%, 100%
XYZ	58.0113, 47.8055, 29.0915
YIQ	184.9680, 64.9200, 12.8880

Conversions

Conversions Part 2

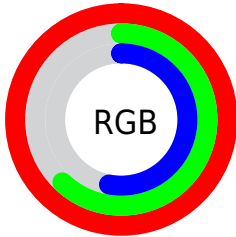
Format	Color
R _Y B	255, 165, 135
Decimal	16752519
CIE Lab	74.70, 33.17, 27.57
CIE LCh	75, 43.130, 39.732
Yxy	47.8055, 0.4300, 0.3544
Android (android.graphics.Color)	4294942599 (0xFFFF9F87)
YUV	184.9680, -24.6342, 61.4181
Hunter-Lab	69.1415, 28.7679, 23.4526

Details

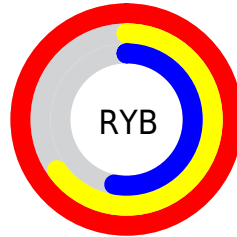
The XYZ color **58.0113, 47.8055, 29.0915** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.6161, 69.5196, 105.0422**, and the grayscale version is **46.2048, 48.6111, 52.9374**.

A 20% lighter version of the original color is **74.3637, 72.9840, 57.7449**, and **29.2994, 22.5660, 11.4058** is the 20% darker color. If you saturate the color by 10%, you get **53.2033, 40.7269, 19.6669**, and if you desaturate by 10%, it is **63.8305, 56.2186, 40.9751**.

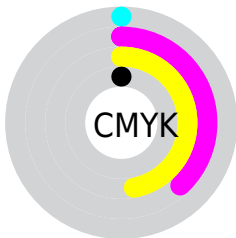
Distribution



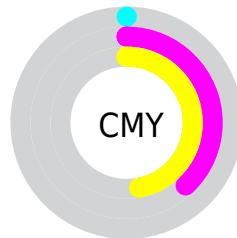
- Red (100%)
- Green (62%)
- Blue (53%)



- Red (100%)
- Yellow (65%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0113, 47.8055, 29.0915 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 58.0113, 47.8055, 29.0915 by changing the saturation by 10% instead.


 58.0113, 47.8055,
29.0915

 58.0113, 47.8055,
29.0915


407.1812,
378.0207, 311.7209


 42.0610, 33.6729,
18.9039

 101.0622, 86.9147,
59.2663

 29.3404, 22.6424,
11.4247


 128.8935,
112.6602, 80.0907

 19.4841, 14.3297,
6.2355


 161.4159,
143.0453, 105.2976

 12.1266, 8.3503,
2.9177

198.9947,
178.4546, 135.3057

 6.9028, 4.3199,
1.0528

241.9953,
219.2723, 170.5336

 3.4472, 1.8541,
0.0000

290.7830,

 1.3944, 0.5205,

265.8830, 211.3997

0.0000

345.7232,
318.6710, 258.3226

■ 0.2522, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0113, 47.8055,
29.0915

■ 58.0113, 47.8055,
29.0915

■ 53.2033, 40.7269,
19.6669

■ 63.8305, 56.2186,
40.9751

■ 49.3433, 34.9063,
12.5247

■ 70.7120, 66.0232,
55.4719

■ 46.3664, 30.2705,
7.4692

■ 78.7073, 77.2813,
72.7265

■ 44.1972, 26.7354,
4.2699

■ 87.8637, 90.0495,
92.8721

■ 42.7448, 24.2040,
2.6343

95.0499, 100.0000,
108.9000

■ 42.4243, 23.6287,
2.3248

Harmonies

Analogous

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



61.9290, 47.8055, 45.1062



58.0113, 47.8055, 29.0915



50.8486, 47.8055, 21.2026

Triad

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



58.0113, 47.8055, 29.0915



32.7405, 47.8055, 38.5130



48.0273, 47.8055, 107.0831

Complementary

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



58.0113, 47.8055, 29.0915



56.6161, 69.5196, 105.0422

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.



40.4249, 47.8055, 103.8062



58.0113, 47.8055, 29.0915



32.1694, 47.8055, 59.6767

Square

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



58.0113, 47.8055, 29.0915



36.4875, 47.8055, 25.4597



34.8264, 47.8055, 84.7184



55.7435, 47.8055, 92.6940

Rectangle

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



58.0113, 47.8055, 29.0915



45.5081, 47.8055, 19.7710



34.8264, 47.8055, 84.7184



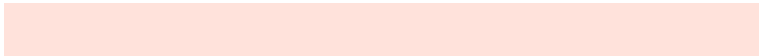
45.3674, 47.8055, 108.0880

Sweetspot

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



58.0125, 47.8079, 29.0924



81.3824, 81.0236, 78.5749



64.3279, 44.3578, 80.7728



17.0128, 16.7741, 15.9291



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.



58.0125, 47.8079, 29.0924



53.6663, 41.4154, 20.5531



70.9448, 73.6724, 33.4032



18.3036, 18.5753, 18.7650



22.2502, 12.5117, 1.2423



2.2389, 1.3632, 0.1451

Inverse Universe

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



56.6161, 69.5196, 105.0422



52.0718, 65.3064, 104.4687



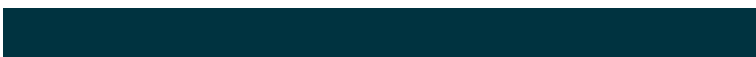
42.6049, 41.4971, 100.3718



18.2280, 19.8277, 23.1164



20.8212, 26.5520, 53.4622



2.1020, 2.7347, 5.2303

Previews

White Background



This preview shows how the XYZ color 58.0113, 47.8055, 29.0915 looks on a white background.

Color Contrast Check

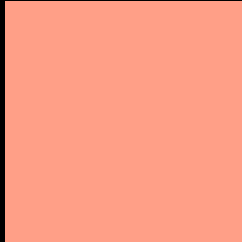
Large Text (above 18pt) WCAG AA × Fail

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 58.0113, 47.8055, 29.0915 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 58.0113, 47.8055, 29.0915

Background



This preview shows how black text looks on a background with the XYZ color 58.0113, 47.8055, 29.0915.



This preview shows how white text looks on a background with the XYZ color 58.0113, 47.8055,

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

58.0113, 47.8055, 29.0915

Protanopia

45.0937, 48.0921, 34.1001

Deuteranopia

48.9036, 47.7767, 28.4741



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

58.0113, 47.8055, 29.0915

Protanomaly

48.8277, 47.3647, 32.1600

Deuteranomaly

51.8871, 47.5987, 28.6430

Tritanomaly

59.2134, 47.7405, 37.1043

Monochromacy



Original Color

58.0113, 47.8055, 29.0915

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.0787, 47.5423, 43.1491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0113, 47.8055, 29.0915 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(255, 159, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 135)  
}
```

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(255, 159, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 135) }
```

Border

The CSS property to change the border of an element to XYZ 58.0113, 47.8055, 29.0915 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(255, 159, 135) }
```


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

```
.border{ border-color:rgb(255, 159, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0113, 47.8055, 29.0915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 135) }
```

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

```
.background{ background-color: rgb(255,  
159, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor