

Converting Colors

XYZ(127.8144, 83.8087,
31.9756)

Have a look what the booklet for
XYZ(127.8144, 83.8087, 31.9756)
contains.

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Color

**XYZ(57.9412, 47.7775,
28.7224)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F86
RGB	255, 159, 134
RGB Percent	100%, 62%, 53%
CMY	0.0000, 0.3764, 0.4745
CMYK	0.00, 0.38, 0.47, 0.00
HSL	12°, 100%, 76%
HSV	12°, 47%, 100%
XYZ	57.9412, 47.7775, 28.7224
YIQ	184.8540, 65.2410, 12.5770

Conversions

Conversions Part 2

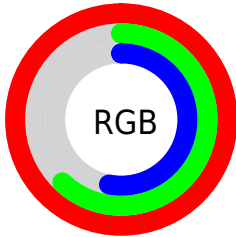
Format	Color
R _Y B	255, 166, 134
Decimal	16752518
CIE Lab	74.68, 33.07, 28.08
CIE LCh	75, 43.389, 40.336
Yxy	47.7775, 0.4310, 0.3554
Android (android.graphics.Color)	4294942598 (0xFFFF9F86)
YUV	184.8540, -25.0710, 61.5180
Hunter-Lab	69.1213, 28.6662, 23.7477

Details

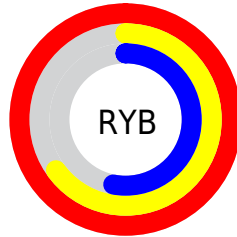
The XYZ color **57.9412, 47.7775, 28.7224** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.1768, 68.8787, 104.9415**, and the grayscale version is **46.1436, 48.5467, 52.8674**.

A 20% lighter version of the original color is **74.2562, 72.9410, 57.1790**, and **29.2599, 22.5503, 11.1980** is the 20% darker color. If you saturate the color by 10%, you get **53.1738, 40.7540, 19.3914**, and if you desaturate by 10%, it is **63.7092, 56.1159, 40.5031**.

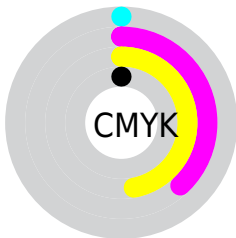
Distribution



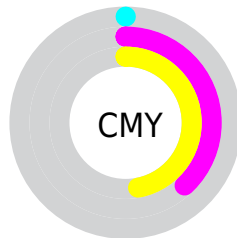
- Red (100%)
- Green (62%)
- Blue (53%)



- 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 57.9412, 47.7775, 28.7224 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 57.9412, 47.7775, 28.7224 by changing the saturation by 10% instead.


 57.9412, 47.7775,
28.7224

 57.9412, 47.7775,
28.7224


406.9242,
377.9095, 309.9227


 42.0045, 33.6507,
18.6272


 100.9607, 86.8730,
58.6727

 29.2959, 22.6254,
11.2271


 128.7741,
112.6106, 79.3647

 19.4502, 14.3172,
6.1037

 161.2772,
142.9872, 104.4262

 12.1020, 8.3416,
2.8384

198.8352,
178.3872, 134.2755

 6.8858, 4.3143,
1.0127

241.8136,
219.1950, 169.3313

 3.4365, 1.8509,
0.0000

290.5776,

 1.3886, 0.5186,

265.7951, 210.0121

0.0000

345.4927,
318.5718, 256.7364

■ 0.2481, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9412, 47.7775,
28.7224

■ 57.9412, 47.7775,
28.7224

■ 53.1738, 40.7540,
19.3914

■ 63.7092, 56.1159,
40.5031

■ 49.3443, 34.9705,
12.3332

■ 70.5281, 65.8250,
54.8879

■ 46.3883, 30.3551,
7.3510

■ 78.4491, 76.9658,
72.0219

■ 44.2311, 26.8253,
4.2132

■ 87.5191, 89.5936,
92.0384

■ 42.7813, 24.2858,
2.6195

95.0499, 99.9999,
108.9000

■ 42.4993, 23.7787,
2.3498

Harmonies

Analogous

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



61.9719, 47.7775, 44.6313



57.9412, 47.7775, 28.7224



50.6922, 47.7775, 20.9672

Triad

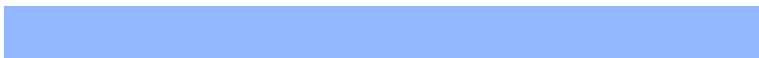
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9412, 47.7775, 28.7224



32.6072, 47.7775, 38.7665



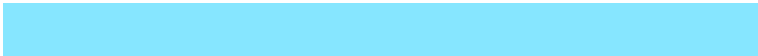
48.1788, 47.7775, 107.3189

Complementary

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



57.9412, 47.7775, 28.7224



56.1768, 68.8787, 104.9415

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.



40.5101, 47.7775, 104.3919



57.9412, 47.7775, 28.7224



32.0995, 47.7775, 60.1857

Square

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



57.9412, 47.7775, 28.7224



36.3092, 47.7775, 25.4994



34.8317, 47.7775, 85.3917



55.9196, 47.7775, 92.5106

Rectangle

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



57.9412, 47.7775, 28.7224



45.3224, 47.7775, 19.6194



34.8317, 47.7775, 85.3917



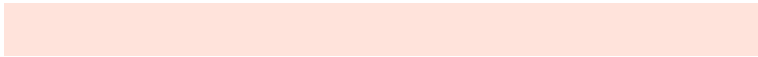
45.4999, 47.7775, 108.4607

Sweetspot

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



57.9424, 47.7799, 28.7233



81.4468, 81.1524, 78.5964



64.1607, 44.0687, 80.5778



17.0283, 16.8051, 15.9342



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.



57.9424, 47.7799, 28.7233



53.3680, 41.0434, 19.7615



70.7964, 73.4879, 33.0080



18.3134, 18.5950, 18.7683



22.2916, 12.5945, 1.2561



2.2443, 1.3740, 0.1469

Inverse Universe

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



56.1768, 68.8787, 104.9415



51.3518, 64.3424, 104.3205



42.3129, 41.1508, 100.3202



18.2174, 19.8064, 23.1128



20.6153, 26.1403, 53.3936



2.0837, 2.6980, 5.2242

Previews

White Background



This preview shows how the XYZ color 57.9412, 47.7775, 28.7224 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 57.9412, 47.7775, 28.7224 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 57.9412, 47.7775, 28.7224

Background



This preview shows how black text looks on a background with the XYZ color 57.9412, 47.7775, 28.7224.



This preview shows how white text looks on a background with the XYZ color 57.9412, 47.7775,

28.7224.

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

57.9412, 47.7775, 28.7224

Protanopia

45.0163, 48.0611, 33.6922

Deuteranopia

48.8355, 47.7494, 28.1154



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

57.9412, 47.7775, 28.7224

Protanomaly

48.7530, 47.3347, 31.7663

Deuteranomaly

51.8183, 47.5712, 28.2808

Tritanomaly

59.2134, 47.7405, 37.1043

Monochromacy



Original Color

57.9412, 47.7775, 28.7224

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.9866, 47.5055, 42.6640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9412, 47.7775, 28.7224 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 134) }
```

Border

The CSS property to change the border of an element to XYZ 57.9412, 47.7775, 28.7224 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, 134) }
```


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

```
.border{ border-color:rgb(255, 159, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9412, 47.7775, 28.7224 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, 134) }
```

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

```
.background{ background-color: rgb(255,  
159, 134) }
```

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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