

Converting Colors

XYZ(62.8446, 58.3280, 29.8484)

Have a look what the booklet for
XYZ(62.8446, 58.3280, 29.8484)
contains.

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Color

**XYZ(62.8082, 58.2774,
29.7681)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8B84
RGB	254, 187, 132
RGB Percent	100%, 73%, 52%
CMY	0.0039, 0.2666, 0.4823
CMYK	0.00, 0.26, 0.48, 0.00
HSL	27°, 98%, 76%
HSV	27°, 48%, 100%
XYZ	62.8082, 58.2774, 29.7681
YIQ	200.7630, 57.5870, -2.9010

Conversions

Conversions Part 2

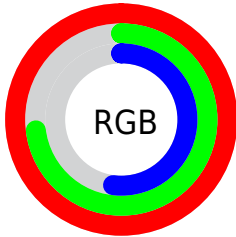
Format	Color
R _Y B	254, 232, 132
Decimal	16694148
CIE Lab	80.89, 17.87, 37.25
CIE LCh	81, 41.314, 64.376
Yxy	58.2774, 0.4164, 0.3863
Android (android.graphics.Color)	4294884228 (0xFFFE8B84)
YUV	200.7630, -33.9002, 46.6888
Hunter-Lab	76.3396, 13.2660, 30.3180

Details

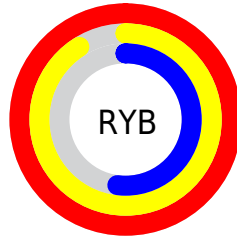
The XYZ color **62.8082, 58.2774, 29.7681** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.8276, 52.9059, 101.4567**, and the grayscale version is **55.5501, 58.4431, 63.6445**.

A 20% lighter version of the original color is **82.1535, 88.9064, 59.2851**, and **32.5160, 29.2464, 11.7159** is the 20% darker color. If you saturate the color by 10%, you get **58.4607, 52.0336, 20.7626**, and if you desaturate by 10%, it is **67.8691, 65.2710, 41.0999**.

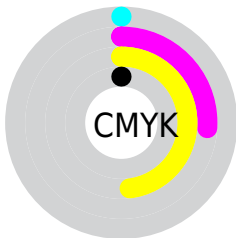
Distribution



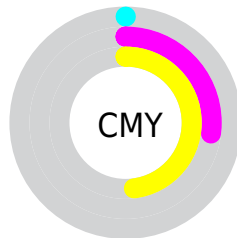
- Red (100%)
- Green (73%)
- Blue (52%)



- Red (100%)
- Yellow (91%)
- Blue (52%)



- Cyan (0%)
- Magenta (26%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8082, 58.2774, 29.7681 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 62.8082, 58.2774, 29.7681 by changing the saturation by 10% instead.


 62.8082, 58.2774,
29.7681


 62.8082, 58.2774,
29.7681


424.5438,
418.2188, 314.9956


 45.9441, 42.0317,
19.4121


 107.9761,
102.3267, 60.3519

 32.4062, 29.1261,
11.7886


 137.0107,
130.8991, 81.4168

 21.8290, 19.1762,
6.4791

 170.8328,
164.3492, 106.8884

 13.8472, 11.7977,
3.0651

209.8078,
203.0614, 137.1852

 8.0954, 6.6061,
1.1280

254.3010,
247.4200, 172.7258

 4.2084, 3.2170,
0.0000

304.6779,

 1.8207, 1.2460,

297.8095, 213.9287

0.0000

361.3037,
354.6143, 261.2124

■ 0.5301, 0.0988,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8082, 58.2774,
29.7681

■ 62.8082, 58.2774,
29.7681

■ 58.4607, 52.0336,
20.7626

■ 67.8691, 65.2710,
41.0999

■ 54.7829, 46.5023,
13.9128

■ 73.6752, 73.0327,
54.9053

■ 51.7322, 41.6549,
9.0297

■ 80.2609, 81.5907,
71.3231

■ 49.2576, 37.4569,
5.8891

■ 87.6573, 90.9690,
90.4810

■ 47.2927, 33.8666,
4.1879

94.6829, 99.8108,
108.8828

■ 46.9491, 33.2231,
3.9382

Harmonies

Analogous

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



70.0959, 58.2774, 40.4119



62.8082, 58.2774, 29.7681



54.1460, 58.2774, 27.1372

Triad

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



62.8082, 58.2774, 29.7681



40.5642, 58.2774, 67.1147



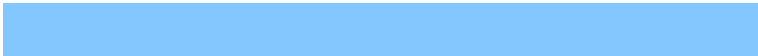
65.2004, 58.2774, 110.7800

Complementary

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



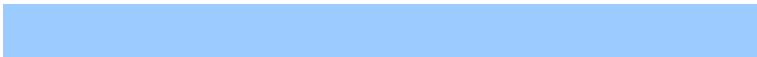
62.8082, 58.2774, 29.7681



47.8276, 52.9059, 101.4567

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.



56.6547, 58.2774, 122.9207



62.8082, 58.2774, 29.7681



42.9013, 58.2774, 93.9198

Square

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



62.8082, 58.2774, 29.7681



41.8521, 58.2774, 45.1948



48.5819, 58.2774, 116.0705



71.5737, 58.2774, 86.0684

Rectangle

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



62.8082, 58.2774, 29.7681



48.8797, 58.2774, 29.5073



48.5819, 58.2774, 116.0705



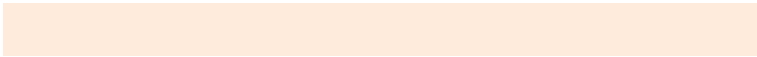
62.4562, 58.2774, 116.7196

Sweetspot

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



62.8096, 58.2802, 29.7692



83.8876, 86.0339, 79.4100



59.4449, 41.7020, 59.0103



17.6186, 17.9857, 16.1310



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.



62.8096, 58.2802, 29.7692



58.9933, 52.5121, 20.9641



78.5745, 89.8099, 35.0242



18.6838, 19.3358, 18.8918



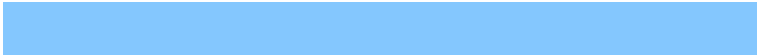
24.8948, 17.8009, 2.1238



2.5312, 1.9478, 0.2426

Inverse Universe

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



47.8276, 52.9059, 101.4567



42.1764, 46.4539, 101.3513



36.5084, 30.2676, 97.6836



17.8299, 19.0314, 22.9836



14.4853, 13.8802, 51.3503



1.5196, 1.5698, 5.0362

Previews

White Background



This preview shows how the XYZ color 62.8082, 58.2774, 29.7681 looks on a white background.

Color Contrast Check

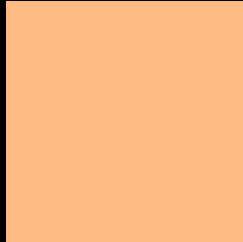
Large Text (above 18pt) WCAG AA × Fail

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 62.8082, 58.2774, 29.7681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

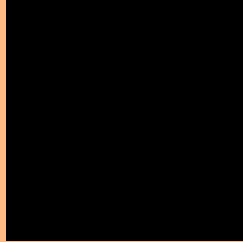
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8082, 58.2774, 29.7681

Background



This preview shows how black text looks on a background with the XYZ color 62.8082, 58.2774, 29.7681.



This preview shows how white text looks on a background with the XYZ color 62.8082, 58.2774,

29.7681.

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

62.8082, 58.2774, 29.7681

Protanopia

54.3875, 58.5137, 32.4725

Deuteranopia

59.5643, 58.2152, 29.5700



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

62.8082, 58.2774, 29.7681

Protanomaly

57.1389, 58.2464, 31.5237

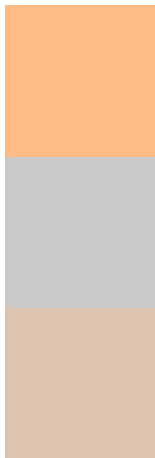
Deuteranomaly

60.5162, 58.0584, 29.4896

Tritanomaly

65.5242, 58.0672, 46.2827

Monochromacy



Original Color

62.8082, 58.2774, 29.7681

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.0916, 57.8301, 49.2276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8082, 58.2774, 29.7681 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(254, 187, 132)` looks like.

```
.text, #text, p{  
    color:rgb(254, 187, 132)  
}
```

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(254, 187, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 187, 132) }
```

Border

The CSS property to change the border of an element to XYZ 62.8082, 58.2774, 29.7681 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(254, 187, 132) }
```


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

```
.border{ border-color:rgb(254, 187, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 187, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 187, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 187, 132);  
box-shadow:4px 4px 4px 4px rgb(254, 187,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8082, 58.2774, 29.7681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 187, 132) }
```

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

```
.background{ background-color: rgb(254,  
187, 132) }
```

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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