

Converting Colors

XYZ(79.1649, 66.8851, 28.9990)

Have a look what the booklet for
XYZ(79.1649, 66.8851, 28.9990)
contains.

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Color

**XYZ(62.9066, 58.3592,
28.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBB80
RGB	255, 187, 128
RGB Percent	100%, 73%, 50%
CMY	0.0000, 0.2666, 0.4980
CMYK	0.00, 0.27, 0.50, 0.00
HSL	28°, 100%, 75%
HSV	28°, 50%, 100%
XYZ	62.9066, 58.3592, 28.3710
YIQ	200.6060, 59.4670, -3.9330

Conversions

Conversions Part 2

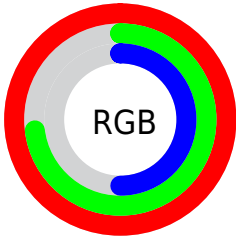
Format	Color
R _Y B	255, 238, 128
Decimal	16759680
CIE Lab	80.94, 17.90, 39.39
CIE LCh	81, 43.268, 65.564
Yxy	58.3592, 0.4204, 0.3900
Android (android.graphics.Color)	4294949760 (0xFFFFBB80)
YUV	200.6060, -35.7948, 47.7035
Hunter-Lab	76.3932, 13.2992, 31.4560

Details

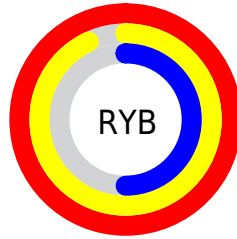
The XYZ color **62.9066, 58.3592, 28.3710** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.6910, 51.2867, 102.0458**, and the grayscale version is **55.4635, 58.3519, 63.5452**.

A 20% lighter version of the original color is **81.7341, 88.7386, 57.0764**, and **32.4059, 29.2024, 11.1364** is the 20% darker color. If you saturate the color by 10%, you get **58.6747, 52.2525, 19.6946**, and if you desaturate by 10%, it is **67.8384, 65.1910, 39.3625**.

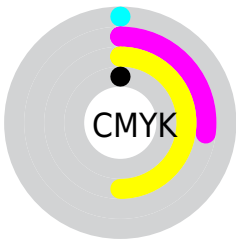
Distribution



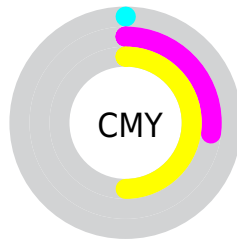
- Red (100%)
- Green (73%)
- Blue (50%)



- Red (100%)
- Yellow (93%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (50%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9066, 58.3592, 28.3710 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 62.9066, 58.3592, 28.3710 by changing the saturation by 10% instead.


 62.9066, 58.3592,
28.3710

 62.9066, 58.3592,
28.3710


424.8955,
418.5231, 308.2030


 46.0240, 42.0975,
18.3640


 108.1173,
102.4458, 58.1064

 32.4695, 29.1776,
11.0395


 137.1762,
131.0394, 78.6720

 21.8776, 19.2152,
5.9789


 171.0245,
164.5125, 103.5941

 13.8831, 11.8259,
2.7637

210.0276,
203.2493, 133.2914

 8.1206, 6.6252,
0.9753

254.5509,
247.6345, 168.1824

 4.2246, 3.2289,
0.0000

304.9598,

 1.8300, 1.2524,

298.0522, 208.6857

0.0000

361.6195,
354.8869, 255.2197

■ 0.5356, 0.1039,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9066, 58.3592,
28.3710

■ 62.9066, 58.3592,
28.3710

■ 58.6747, 52.2525,
19.6946

■ 67.8384, 65.1910,
39.3625

■ 55.0987, 46.8343,
13.1575

■ 73.5022, 72.7656,
52.8200

■ 52.1351, 42.0766,
8.5641

■ 79.9327, 81.1106,
68.8858

■ 49.7316, 37.9451,
5.6804

■ 87.1610, 90.2492,
87.6902

■ 47.8091, 34.3941, 95.0498, 99.9999,
4.1333 108.9000

■ 47.7745, 34.3293,
4.1082

Harmonies

Analogous

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



70.6999, 58.3592, 38.9451



62.9066, 58.3592, 28.3710



53.8145, 58.3592, 25.9942

Triad

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



62.9066, 58.3592, 28.3710



40.0250, 58.3592, 68.4497



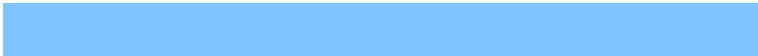
66.1067, 58.3592, 112.7353

Complementary

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



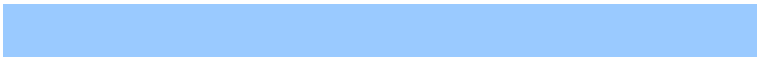
62.9066, 58.3592, 28.3710



46.6910, 51.2867, 102.0458

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.



57.1564, 58.3592, 126.4037



62.9066, 58.3592, 28.3710



42.5989, 58.3592, 96.7851

Square

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



62.9066, 58.3592, 28.3710



41.2130, 58.3592, 45.2367



48.6414, 58.3592, 119.8947



72.6824, 58.3592, 86.2222

Rectangle

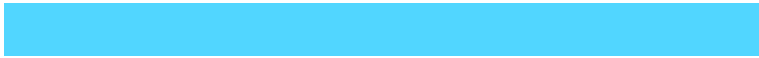
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.9066, 58.3592, 28.3710



48.3601, 58.3592, 28.6117



48.6414, 58.3592, 119.8947



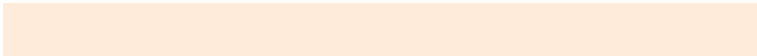
63.2418, 58.3592, 119.2683

Sweetspot

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



62.9080, 58.3620, 28.3721



83.3034, 85.3998, 77.5685



59.1351, 40.7691, 58.0883



17.5088, 17.8713, 15.7703



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.



62.9080, 58.3620, 28.3721



58.5983, 52.1394, 19.5458



78.9037, 90.3535, 33.7040



18.7050, 19.3782, 18.8988



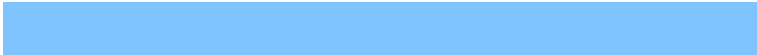
25.1093, 18.2299, 2.1953



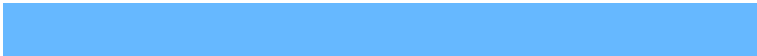
2.5528, 1.9910, 0.2498

Inverse Universe

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



46.6910, 51.2867, 102.0458



40.6521, 44.2900, 101.0140



35.5261, 28.9569, 98.3242



17.8084, 18.9885, 22.9765



14.2216, 13.3527, 51.2624



1.4941, 1.5189, 5.0277

Previews

White Background



This preview shows how the XYZ color 62.9066, 58.3592, 28.3710 looks on a white background.

Color Contrast Check

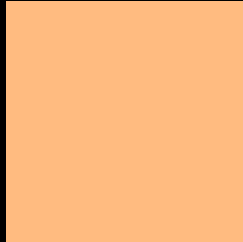
Large Text (above 18pt) WCAG AA × Fail

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 62.9066, 58.3592, 28.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

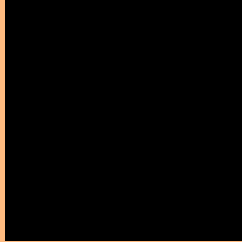
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9066, 58.3592, 28.3710

Background



This preview shows how black text looks on a background with the XYZ color 62.9066, 58.3592, 28.3710.



This preview shows how white text looks on a background with the XYZ color 62.9066, 58.3592,

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

62.9066, 58.3592, 28.3710

Protanopia

54.1032, 58.3999, 30.9750

Deuteranopia

59.6426, 58.2863, 28.1855



Tritanopia

67.3895, 58.1580, 58.1259

Trichromacy



Original Color

62.9066, 58.3592, 28.3710

Protanomaly

56.8598, 58.1347, 30.0541

Deuteranomaly

60.6020, 58.1334, 28.1055

Tritanomaly

65.3349, 57.9915, 45.2861

Monochromacy



Original Color

62.9066, 58.3592, 28.3710

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.1987, 57.9080, 48.2071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9066, 58.3592, 28.3710 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, 187, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 128)  
}
```

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, 187, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 128) }
```

Border

The CSS property to change the border of an element to XYZ 62.9066, 58.3592, 28.3710 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, 187, 128) }
```


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

```
.border{ border-color:rgb(255, 187, 128) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9066, 58.3592, 28.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 128) }
```

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

```
.background{ background-color: rgb(255,  
187, 128) }
```

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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