

Converting Colors

XYZ(62.9999, 58.4666, 28.6458)

Have a look what the booklet for
XYZ(62.9999, 58.4666, 28.6458)
contains.

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Color

**XYZ(62.9728, 58.3856,
28.7194)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBB81
RGB	255, 187, 129
RGB Percent	100%, 73%, 51%
CMY	0.0000, 0.2666, 0.4941
CMYK	0.00, 0.27, 0.49, 0.00
HSL	28°, 100%, 75%
HSV	28°, 49%, 100%
XYZ	62.9728, 58.3856, 28.7194
YIQ	200.7200, 59.1460, -3.6220

Conversions

Conversions Part 2

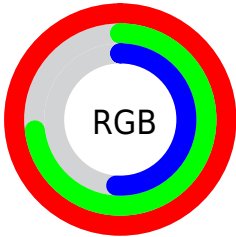
Format	Color
R_{YB}	255, 236, 129
Decimal	16759681
CIE _{Lab}	80.95, 17.99, 38.90
CIE _{LCh}	81, 42.855, 65.181
Yxy	58.3856, 0.4196, 0.3890
Android (android.graphics.Color)	4294949761 (0xFFFFBB81)
YUV	200.7200, -35.3580, 47.6036
Hunter-Lab	76.4105, 13.3904, 31.2028

Details

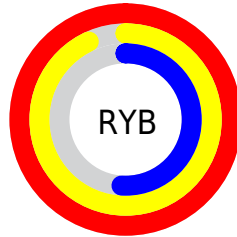
The XYZ color **62.9728, 58.3856, 28.7194** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.0687, 51.8176, 102.1286**, and the grayscale version is **55.5316, 58.4235, 63.6232**.

A 20% lighter version of the original color is **81.8378, 88.7801, 57.6227**, and **32.4421, 29.2168, 11.3267** is the 20% darker color. If you saturate the color by 10%, you get **58.7041, 52.2309, 19.9520**, and if you desaturate by 10%, it is **67.9470, 65.2747, 39.8096**.

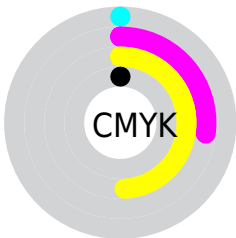
Distribution



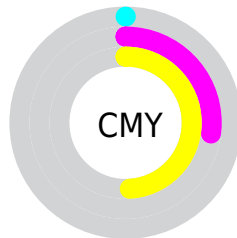
- Red (100%)
- Green (73%)
- Blue (51%)



- Red (100%)
- Yellow (93%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9728, 58.3856, 28.7194 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 62.9728, 58.3856, 28.7194 by changing the saturation by 10% instead.

62.9728, 58.3856,
28.7194

62.9728, 58.3856,
28.7194

425.1320,
418.6212, 309.9081

46.0778, 42.1187,
18.6249

108.2123,
102.4842, 58.6678

32.5121, 29.1943,
11.2255

137.2875,
131.0847, 79.3588

21.9104, 19.2278,
6.1026

171.1534,
164.5651, 104.4191

13.9073, 11.8350,
2.8378

210.1755,
203.3100, 134.2671

8.1375, 6.6314,
1.0124

254.7190,
247.7036, 169.3215

4.2356, 3.2327,
0.0000

305.1494,

1.8363, 1.2544,

298.1305, 210.0008

0.0000

361.8319,
354.9749, 256.7235

■ 0.5394, 0.1055,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9728, 58.3856,
28.7194

■ 62.9728, 58.3856,
28.7194

■ 58.7041, 52.2309,
19.9520

■ 67.9470, 65.2747,
39.8096

■ 55.0969, 46.7735,
13.3324

■ 73.6588, 72.9162,
53.3730

■ 52.1076, 41.9853,
8.6660

■ 80.1430, 81.3379,
69.5515

■ 49.6841, 37.8318,
5.7207

■ 87.4309, 90.5634,
88.4750

■ 47.7505, 34.2680, 95.0499, 100.0000,
4.1408 108.9000

■ 47.6470, 34.0742,
4.0657

Harmonies

Analogous

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



70.6498, 58.3856, 39.3574



62.9728, 58.3856, 28.7194



53.9663, 58.3856, 26.2524

Triad

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



62.9728, 58.3856, 28.7194



40.1685, 58.3856, 68.0903



65.9228, 58.3856, 112.4934

Complementary

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



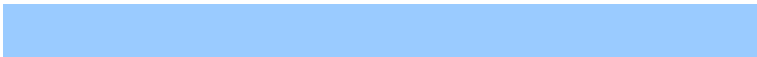
62.9728, 58.3856, 28.7194



47.0687, 51.8176, 102.1286

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.



57.0498, 58.3856, 125.7570



62.9728, 58.3856, 28.7194



42.6768, 58.3856, 96.1089

Square

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



62.9728, 58.3856, 28.7194



41.3958, 58.3856, 45.1780



48.6317, 58.3856, 119.0774



72.4763, 58.3856, 86.3831

Rectangle

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



62.9728, 58.3856, 28.7194



48.5421, 58.3856, 28.7964



48.6317, 58.3856, 119.0774



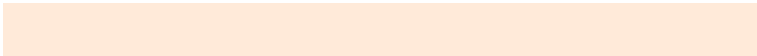
63.0793, 58.3856, 118.8790

Sweetspot

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



62.9742, 58.3884, 28.7205



83.2570, 85.3069, 77.5531



59.3182, 41.0521, 58.4056



17.4977, 17.8490, 15.7666



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.



62.9742, 58.3884, 28.7205



58.8664, 52.4700, 20.2688



78.9855, 90.4110, 34.0576



18.6984, 19.3650, 18.8966



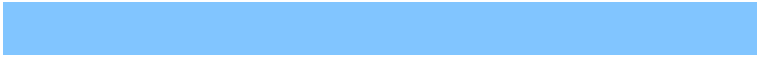
25.0422, 18.0955, 2.1729



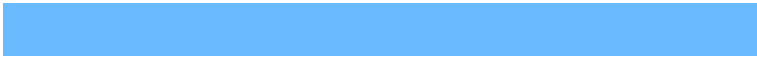
2.5461, 1.9775, 0.2475

Inverse Universe

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



47.0687, 51.8176, 102.1286



41.3268, 45.2038, 101.1548



35.8097, 29.2996, 98.3756



17.8151, 19.0018, 22.9787



14.3022, 13.5141, 51.2893



1.5019, 1.5345, 5.0303

Previews

White Background



This preview shows how the XYZ color 62.9728, 58.3856, 28.7194 looks on a white background.

Color Contrast Check

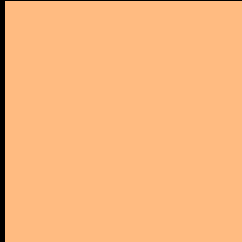
Large Text (above 18pt) WCAG AA × Fail

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 62.9728, 58.3856, 28.7194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

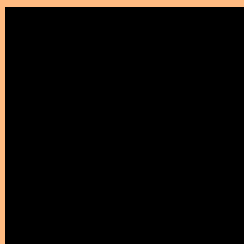
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9728, 58.3856, 28.7194

Background



This preview shows how black text looks on a background with the XYZ color 62.9728, 58.3856, 28.7194.



This preview shows how white text looks on a background with the XYZ color 62.9728, 58.3856,

28.7194.

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

62.9728, 58.3856, 28.7194

Protanopia

54.1733, 58.4280, 31.3442

Deuteranopia

59.7081, 58.3125, 28.5306



Tritanopia

67.3895, 58.1580, 58.1259

Trichromacy



Original Color

62.9728, 58.3856, 28.7194

Protanomaly

56.9286, 58.1622, 30.4163

Deuteranomaly

60.6675, 58.1596, 28.4505

Tritanomaly

65.4292, 58.0293, 45.7825

Monochromacy



Original Color

62.9728, 58.3856, 28.7194

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.2966, 57.9472, 48.7225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9728, 58.3856, 28.7194 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 129) }
```

Border

The CSS property to change the border of an element to XYZ 62.9728, 58.3856, 28.7194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

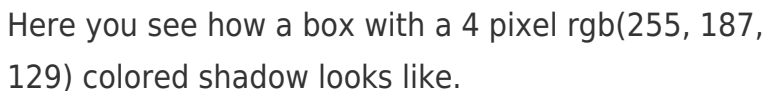
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 187, 129) }
```


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

```
.border{ border-color:rgb(255, 187, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 187, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 187, 129); box-shadow:4px 4px 4px 4px rgb(255, 187, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9728, 58.3856, 28.7194 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, 129) }
```

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

```
.background{ background-color: rgb(255,  
187, 129) }
```

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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