

Converting Colors

XYZ(72.9688, 63.6125, 25.7947)

Have a look what the booklet for
XYZ(72.9688, 63.6125, 25.7947)
contains.

XYZ(62.3401, 58.1326, 25.3878)	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(62.3401, 58.1326,
25.3878)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBB77
RGB	255, 187, 119
RGB Percent	100%, 73%, 47%
CMY	0.0000, 0.2666, 0.5333
CMYK	0.00, 0.27, 0.53, 0.00
HSL	30°, 100%, 73%
HSV	30°, 53%, 100%
XYZ	62.3401, 58.1326, 25.3878
YIQ	199.5800, 62.3560, -6.7320

Conversions

Conversions Part 2

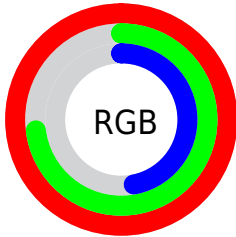
Format	Color
R _Y B	255, 255, 119
Decimal	16759671
CIE Lab	80.81, 17.13, 43.82
CIE LCh	81, 47.048, 68.651
Yxy	58.1326, 0.4274, 0.3985
Android (android.graphics.Color)	4294949751 (0xFFFFBB77)
YUV	199.5800, -39.7259, 48.6033
Hunter-Lab	76.2447, 12.5189, 33.6291

Details

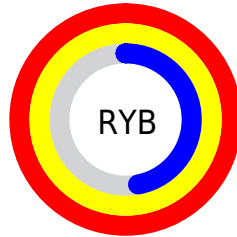
The XYZ color **62.3401, 58.1326, 25.3878** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.4271, 46.6804, 101.3287**, and the grayscale version is **54.8523, 57.7089, 62.8450**.

A 20% lighter version of the original color is **80.7370, 88.3397, 51.8257**, and **32.1050, 29.0820, 9.5515** is the 20% darker color. If you saturate the color by 10%, you get **58.4239, 52.4311, 17.5139**, and if you desaturate by 10%, it is **66.9101, 64.4844, 35.5074**.

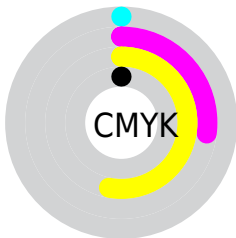
Distribution



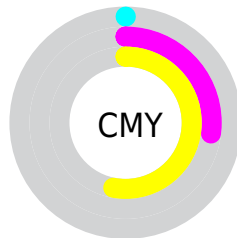
- Red (100%)
- Green (73%)
- Blue (47%)



- Red (100%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (27%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3401, 58.1326, 25.3878 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 62.3401, 58.1326, 25.3878 by changing the saturation by 10% instead.


 62.3401, 58.1326,
25.3878

 62.3401, 58.1326,
25.3878


422.8684,
417.6798, 293.2730


 45.5642, 41.9153,
16.1446


 107.3041,
102.1159, 53.2576

 32.1052, 29.0349,
9.4710


 136.2229,
130.6507, 72.7212

 21.5978, 19.1073,
4.9487


 169.9200,
164.0601, 96.4286

 13.6766, 11.7478,
2.1590

208.7609,
202.7285, 124.7985

 7.9763, 6.5722,
0.6505

253.1108,
247.0402, 158.2494

 4.1315, 3.1960,
0.0000

303.3351,

 1.7768, 1.2349,

297.3798, 197.1997

0.0000

359.7992,
354.1315, 242.0681

0.5036, 0.0899,
0.0000

0.0000, 0.0000,
0.0000

62.3401, 58.1326,
25.3878

62.3401, 58.1326,
25.3878

58.4239, 52.4311,
17.5139

66.9101, 64.4844,
35.5074

55.1173, 47.3454,
11.7028

72.1655, 71.5019,
48.0289

52.3764, 42.8499,
7.7482

78.1408, 79.2103,
63.0985

50.1468, 38.9120,
5.3981

84.8664, 87.6308,
80.8494

48.8954, 36.5710,
4.4818

92.3710, 96.7835,
101.4058

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



71.1715, 58.1326, 35.4071



62.3401, 58.1326, 25.3878



52.4897, 58.1326, 23.7576

Triad

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



62.3401, 58.1326, 25.3878



38.7600, 58.1326, 71.6930



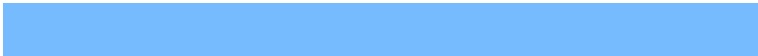
67.7670, 58.1326, 114.9730

Complementary

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



62.3401, 58.1326, 25.3878



43.4271, 46.6804, 101.3287

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.



58.1122, 58.1326, 132.3256



62.3401, 58.1326, 25.3878



41.9054, 58.1326, 102.9559

Square

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



62.3401, 58.1326, 25.3878



39.6108, 58.1326, 45.7422



48.7250, 58.1326, 127.3790



74.5514, 58.1326, 84.8497

Rectangle

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



62.3401, 58.1326, 25.3878



46.7683, 58.1326, 26.9869



48.7250, 58.1326, 127.3790



64.7071, 58.1326, 122.8425

Sweetspot

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



62.3415, 58.1354, 25.3889



82.9976, 85.3142, 75.8452



56.8066, 38.0419, 51.3629



17.4642, 17.8856, 15.4363



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.



62.3415, 58.1354, 25.3889



58.1848, 52.0728, 17.0638



80.3295, 94.1115, 31.3849



18.7598, 19.4879, 18.9171



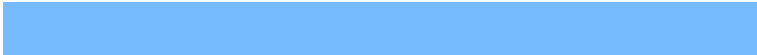
25.6983, 19.4078, 2.3916



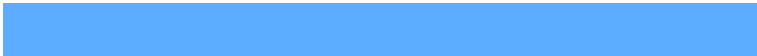
2.6114, 2.1081, 0.2693

Inverse Universe

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



43.4271, 46.6804, 101.3287



37.4627, 39.5230, 100.2619



32.2550, 24.3362, 97.6046



17.7533, 18.8783, 22.9581



13.5795, 12.0685, 51.0483



1.4314, 1.3935, 5.0068

Previews

White Background



This preview shows how the XYZ color 62.3401, 58.1326, 25.3878 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 62.3401, 58.1326, 25.3878 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 62.3401, 58.1326, 25.3878

Background



This preview shows how black text looks on a background with the XYZ color 62.3401, 58.1326, 25.3878.



This preview shows how white text looks on a background with the XYZ color 62.3401, 58.1326,

25.3878.

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

62.3401, 58.1326, 25.3878

Protanopia

53.7382, 58.2886, 27.4873

Deuteranopia

59.4279, 58.2404, 25.2489



Tritanopia

67.3895, 58.1580, 58.1259

Trichromacy



Original Color

62.3401, 58.1326, 25.3878

Protanomaly

56.5315, 58.0408, 26.6358

Deuteranomaly

60.3949, 58.0914, 25.1691

Tritanomaly

65.0564, 57.8801, 43.8195

Monochromacy



Original Color

62.3401, 58.1326, 25.3878

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.3810, 57.1861, 46.5945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3401, 58.1326, 25.3878 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 119) }
```

Border

The CSS property to change the border of an element to XYZ 62.3401, 58.1326, 25.3878 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, 119) }
```


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

```
.border{ border-color:rgb(255, 187, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3401, 58.1326, 25.3878 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, 119) }
```

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

```
.background{ background-color: rgb(255,  
187, 119) }
```

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