

Converting Colors

XYZ(61.9839, 57.2483, 25.7992)

Have a look what the booklet for
XYZ(61.9839, 57.2483, 25.7992)
contains.

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Color

**XYZ(62.0402, 57.3384,
25.8867)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB979
RGB	255, 185, 121
RGB Percent	100%, 73%, 47%
CMY	0.0000, 0.2745, 0.5255
CMYK	0.00, 0.27, 0.53, 0.00
HSL	29°, 100%, 74%
HSV	29°, 53%, 100%
XYZ	62.0402, 57.3384, 25.8867
YIQ	198.6340, 62.2640, -5.0640

Conversions

Conversions Part 2

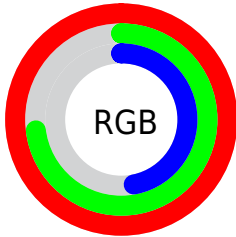
Format	Color
R _Y B	255, 244, 121
Decimal	16759161
CIE Lab	80.37, 18.34, 42.26
CIE LCh	80, 46.063, 66.538
Yxy	57.3384, 0.4271, 0.3947
Android (android.graphics.Color)	4294949241 (0xFFFFB979)
YUV	198.6340, -38.2736, 49.4330
Hunter-Lab	75.7221, 13.7338, 32.7363

Details

The XYZ color **62.0402, 57.3384, 25.8867** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5651, 48.5445, 101.6287**, and the grayscale version is **54.2635, 57.0894, 62.1703**.

A 20% lighter version of the original color is **80.3353, 87.2266, 52.6467**, and **31.8943, 28.5596, 9.7928** is the 20% darker color. If you saturate the color by 10%, you get **58.0214, 51.4813, 17.8253**, and if you desaturate by 10%, it is **66.7362, 63.8885, 36.2136**.

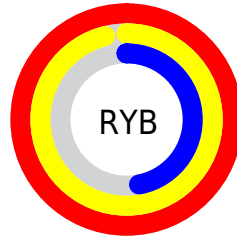
Distribution



Red (100%)

Green (73%)

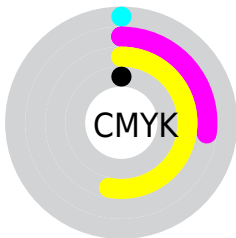
Blue (47%)



Red (100%)

Yellow (96%)

Blue (47%)

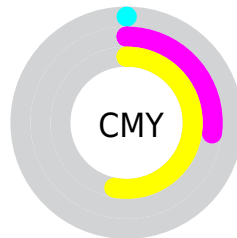


Cyan (0%)

Magenta (27%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0402, 57.3384, 25.8867 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 62.0402, 57.3384, 25.8867 by changing the saturation by 10% instead.


 62.0402, 57.3384,
25.8867


 62.0402, 57.3384,
25.8867


421.7929,
414.7161, 295.8132

 45.3209, 41.2770,
16.5139

 106.8732,
100.9588, 54.0739

 31.9126, 28.5356,
9.7302

 135.7177,
129.2866, 73.7255

 21.4500, 18.7298,
5.1172


 169.3346,
162.4719, 97.6403

 13.5677, 11.4752,
2.2563

208.0893,
200.8992, 126.2370

 7.9003, 6.3874,
0.7066

252.3471,
244.9529, 159.9341

 4.0825, 3.0821,
0.0000

302.4734,

 1.7489, 1.1747,

295.0174, 199.1501

0.0000

358.8336,
351.4770, 244.3037

■ 0.4866, 0.0409,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0402, 57.3384,
25.8867

■ 62.0402, 57.3384,
25.8867

■ 58.0214, 51.4813,
17.8253

■ 66.7362, 63.8885,
36.2136

■ 54.6350, 46.2813,
11.8483

■ 72.1416, 71.1489,
48.9615

■ 51.8367, 41.7109,
7.7516

■ 78.2916, 79.1463,
64.2757

■ 49.5718, 37.7357,
5.2872

■ 85.2173, 87.9034,
82.2890

48.1751, 35.1304,
4.2417

92.9479, 97.4418,
103.1250

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



70.4019, 57.3384, 36.3398



62.0402, 57.3384, 25.8867



52.4599, 57.3384, 23.7492

Triad

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



62.0402, 57.3384, 25.8867



38.3975, 57.3384, 68.5329



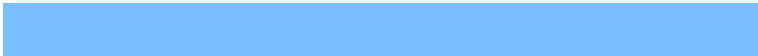
66.0209, 57.3384, 114.1334

Complementary

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



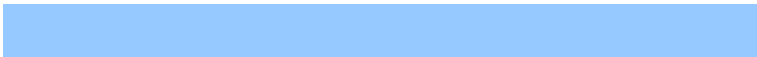
62.0402, 57.3384, 25.8867



44.5651, 48.5445, 101.6287

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.



56.5891, 57.3384, 129.5312



62.0402, 57.3384, 25.8867



41.1907, 57.3384, 98.7285

Square

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



62.0402, 57.3384, 25.8867



39.5014, 57.3384, 43.9567



47.5940, 57.3384, 123.2034



72.8792, 57.3384, 85.4704

Rectangle

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



62.0402, 57.3384, 25.8867



46.7925, 57.3384, 26.5474



47.5940, 57.3384, 123.2034



63.0070, 57.3384, 121.3590

Sweetspot

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



62.0416, 57.3412, 25.8878



82.7373, 84.7936, 75.7584



57.6438, 38.7617, 54.5848



17.4023, 17.7617, 15.4156



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.



62.0416, 57.3412, 25.8878



57.8552, 51.2325, 17.5118



79.0427, 91.3435, 31.5549



18.7252, 19.4185, 18.9056



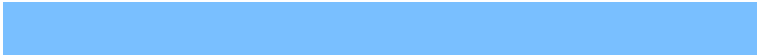
25.3200, 18.6512, 2.2655



2.5739, 2.0331, 0.2568

Inverse Universe

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



44.5651, 48.5445, 101.6287



38.6752, 41.5645, 100.5921



33.3285, 26.0712, 97.8832



17.7881, 18.9479, 22.9697



13.9790, 12.8675, 51.1815



1.4705, 1.4717, 5.0198

Previews

White Background



This preview shows how the XYZ color 62.0402, 57.3384, 25.8867 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 62.0402, 57.3384, 25.8867 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 62.0402, 57.3384, 25.8867

Background



This preview shows how black text looks on a background with the XYZ color 62.0402, 57.3384, 25.8867.



This preview shows how white text looks on a background with the XYZ color 62.0402, 57.3384,

25.8867.

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

62.0402, 57.3384, 25.8867

Protanopia

53.3985, 57.7463, 28.4104

Deuteranopia

58.6389, 57.4949, 25.7763



Tritanopia

66.7641, 57.2618, 56.8240

Trichromacy



Original Color

62.0402, 57.3384, 25.8867

Protanomaly

56.1718, 57.4998, 27.5400

Deuteranomaly

59.9455, 57.5254, 25.7133

Tritanomaly

64.6468, 57.0609, 43.6830

Monochromacy



Original Color

62.0402, 57.3384, 25.8867

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8559, 56.5839, 46.5059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0402, 57.3384, 25.8867 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, 185, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 121)  
}
```

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, 185, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 121) }
```

Border

The CSS property to change the border of an element to XYZ 62.0402, 57.3384, 25.8867 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, 185, 121) }
```


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

```
.border{ border-color:rgb(255, 185, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 185, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 185, 121); box-shadow:4px 4px 4px 4px rgb(255, 185, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0402, 57.3384, 25.8867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 121) }
```

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

```
.background{ background-color: rgb(255,  
185, 121) }
```

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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