

Converting Colors

XYZ(62.0325, 57.4745, 26.6455)

Have a look what the booklet for
XYZ(62.0325, 57.4745, 26.6455)
contains.

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Color

**XYZ(62.0071, 57.6187,
26.5923)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBA7B
RGB	254, 186, 123
RGB Percent	100%, 73%, 48%
CMY	0.0039, 0.2706, 0.5176
CMYK	0.00, 0.27, 0.52, 0.00
HSL	29°, 98%, 74%
HSV	29°, 52%, 100%
XYZ	62.0071, 57.6187, 26.5923
YIQ	199.1500, 60.7510, -5.1770

Conversions

Conversions Part 2

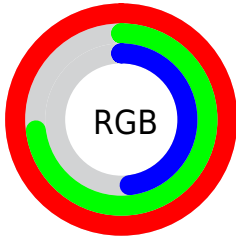
Format	Color
RYB	254, 244, 123
Decimal	16693883
CIELab	80.53, 17.59, 41.41
CIELCh	81, 44.990, 66.989
Yxy	57.6187, 0.4241, 0.3941
Android (android.graphics.Color)	4294883963 (0xFFFEBA7B)
YUV	199.1500, -37.5419, 48.1035
Hunter-Lab	75.9070, 12.9763, 32.3640

Details

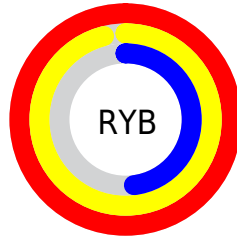
The XYZ color **62.0071, 57.6187, 26.5923** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.6877, 48.6262, 100.7961**, and the grayscale version is **54.5758, 57.4180, 62.5282**.

A 20% lighter version of the original color is **80.8286, 87.8989, 53.7803**, and **31.8383, 28.7254, 10.1698** is the 20% darker color. If you saturate the color by 10%, you get **57.9684, 51.7645, 18.3933**, and if you desaturate by 10%, it is **66.7173, 64.1561, 37.0511**.

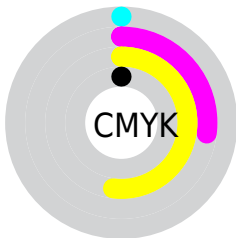
Distribution



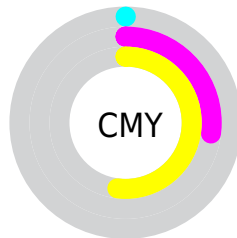
- Red (100%)
- Green (73%)
- Blue (48%)



- Red (100%)
- Yellow (96%)
- Blue (48%)



- Cyan (0%)
- Magenta (27%)
- Yellow (52%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0071, 57.6187, 26.5923 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 62.0071, 57.6187, 26.5923 by changing the saturation by 10% instead.


 62.0071, 57.6187,
26.5923

 62.0071, 57.6187,
26.5923


421.6741,
415.7636, 299.3751

 45.2941, 41.5022,
17.0375


 106.8257,
101.3674, 55.2247

 31.8914, 28.7117,
10.0990


 135.6619,
129.7684, 75.1394

 21.4337, 18.8628,
5.3582


 169.2699,
163.0329, 99.3446

 13.5556, 11.5712,
2.3965

208.0151,
201.5455, 128.2586

 7.8919, 6.4524,
0.7846

252.2627,
245.6904, 162.3002

 4.0771, 3.1221,
0.0000

302.3782,

 1.7458, 1.1958,

295.8522, 201.8877

0.0000

358.7269,
352.4151, 247.4399

■ 0.4847, 0.0583,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0071, 57.6187,
26.5923

■ 62.0071, 57.6187,
26.5923

■ 57.9684, 51.7645,
18.3933

■ 66.7173, 64.1561,
37.0511

■ 54.5576, 46.5581,
12.2766

■ 72.1306, 71.3931,
49.9218

■ 51.7313, 41.9730,
8.0435

■ 78.2813, 79.3560,
65.3472

■ 49.4369, 37.9762,
5.4537

■ 85.2000, 88.0667,
83.4578

47.8526, 35.0301,
4.2394

92.9152, 97.5464,
104.3752

94.6829, 99.8107,
108.8828

Harmonies

Analogous

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



70.2159, 57.6187, 36.8339



62.0071, 57.6187, 26.5923



52.6314, 57.6187, 24.5746

Triad

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



62.0071, 57.6187, 26.5923



38.9563, 57.6187, 69.1340



66.1642, 57.6187, 112.7831

Complementary

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



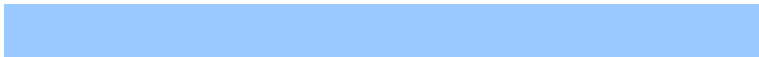
62.0071, 57.6187, 26.5923



44.6877, 48.6262, 100.7961

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.



56.9552, 57.6187, 128.0002



62.0071, 57.6187, 26.5923



41.7650, 57.6187, 98.5980

Square

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



62.0071, 57.6187, 26.5923



39.9864, 57.6187, 44.8759



48.1097, 57.6187, 122.1864



72.7982, 57.6187, 84.8014

Rectangle

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



62.0071, 57.6187, 26.5923



47.0916, 57.6187, 27.4436



48.1097, 57.6187, 122.1864



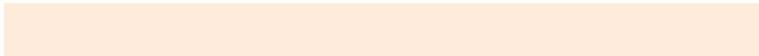
63.2294, 57.6187, 119.8731

Sweetspot

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



62.0085, 57.6215, 26.5934



83.4823, 85.7575, 77.6281



57.5670, 39.0815, 54.8839



17.5518, 17.9572, 15.7847



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.



62.0085, 57.6215, 26.5934



58.3251, 51.9853, 18.2449



78.5198, 90.6442, 32.0972



18.7303, 19.4287, 18.9073



25.3745, 18.7603, 2.2837



2.5793, 2.0440, 0.2586

Inverse Universe

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



44.6877, 48.6262, 100.7961



39.0812, 41.9801, 100.6509



33.6951, 26.6410, 97.1319



17.7830, 18.9376, 22.9680



13.9186, 12.7468, 51.1614



1.4646, 1.4600, 5.0179

Previews

White Background



This preview shows how the XYZ color 62.0071, 57.6187, 26.5923 looks on a white background.

Color Contrast Check

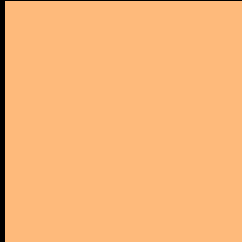
Large Text (above 18pt) WCAG AA × Fail

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 62.0071, 57.6187, 26.5923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

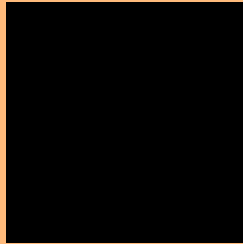
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0071, 57.6187, 26.5923

Background



This preview shows how black text looks on a background with the XYZ color 62.0071, 57.6187, 26.5923.



This preview shows how white text looks on a background with the XYZ color 62.0071, 57.6187,

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

62.0071, 57.6187, 26.5923

Protanopia

53.4640, 57.7725, 28.7554

Deuteranopia

58.7616, 57.5440, 26.4224



Tritanopia

67.0757, 57.7083, 57.4727

Trichromacy



Original Color

62.0071, 57.6187, 26.5923

Protanomaly

56.2360, 57.5255, 27.8782

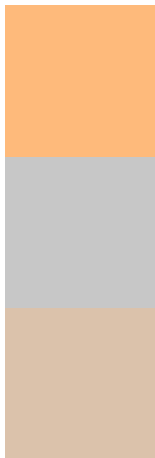
Deuteranomaly

59.7165, 57.3932, 26.3429

Tritanomaly

64.9430, 57.5059, 44.2361

Monochromacy



Original Color

62.0071, 57.6187, 26.5923

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 62.0071, 57.6187, 26.5923 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, 186, 123)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 123)  
}
```

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, 186, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 123) }
```

Border

The CSS property to change the border of an element to XYZ 62.0071, 57.6187, 26.5923 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, 186, 123) }
```


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

```
.border{ border-color:rgb(254, 186, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 186, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 123);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0071, 57.6187, 26.5923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 186, 123) }
```

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

```
.background{ background-color: rgb(254,  
186, 123) }
```

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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