

Converting Colors

XYZ(65.0833, 63.4152, 26.9305)

Have a look what the booklet for
XYZ(65.0833, 63.4152, 26.9305)
contains.

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Color

**XYZ(65.1146, 63.4873,
26.9115)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC779
RGB	255, 199, 121
RGB Percent	100%, 78%, 47%
CMY	0.0000, 0.2196, 0.5255
CMYK	0.00, 0.22, 0.53, 0.00
HSL	35°, 100%, 74%
HSV	35°, 53%, 100%
XYZ	65.1146, 63.4873, 26.9115
YIQ	206.8520, 58.4140, -12.3860

Conversions

Conversions Part 2

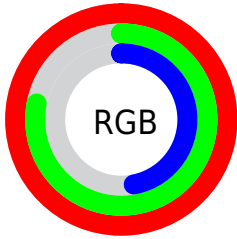
Format	Color
R_{YB}	217, 255, 121
Decimal	16762745
CIE _{Lab}	83.70, 11.04, 46.38
CIE _{LCh}	84, 47.676, 76.609
Yxy	63.4873, 0.4187, 0.4082
Android (android.graphics.Color)	4294952825 (0xFFFFC779)
YUV	206.8520, -42.3250, 42.2258
Hunter-Lab	79.6789, 6.4343, 35.7501

Details

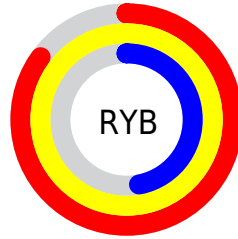
The XYZ color **65.1146, 63.4873, 26.9115** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.6566, 42.7274, 100.6591**, and the grayscale version is **59.4518, 62.5479, 68.1147**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **33.7366, 32.2951, 10.2498** is the 20% darker color. If you saturate the color by 10%, you get **61.3866, 58.2119, 18.9472**, and if you desaturate by 10%, it is **69.4306, 69.2775, 37.1119**.

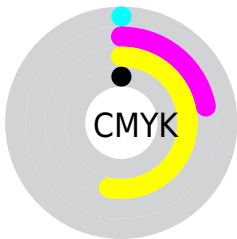
Distribution



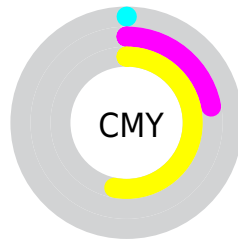
- Red (100%)
- Green (78%)
- Blue (47%)



- Red (85%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1146, 63.4873, 26.9115 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 65.1146, 63.4873, 26.9115 by changing the saturation by 10% instead.


 65.1146, 63.4873,
26.9115

 65.1146, 63.4873,
26.9115


432.7424,
437.3358, 300.9750


 47.8191, 46.2355,
17.2749


 111.2794,
109.8722, 55.7438

 33.8943, 32.4317,
10.2667


 140.8794,
139.7742, 75.7767

 22.9749, 21.6915,
5.4682


 175.3115,
174.6617, 100.1120

 14.6956, 13.6304,
2.4610

214.9412,
214.9191, 129.1683

 8.6909, 7.8640,
0.8194

260.1337,
260.9308, 163.3643

 4.5956, 4.0081,
0.0000

311.2546,

 2.0443, 1.6781,

313.0813, 203.1183

0.0000

368.6690,
371.7548, 248.8491

■ 0.6587, 0.4094,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1146, 63.4873,
26.9115

■ 65.1146, 63.4873,
26.9115

■ 61.3866, 58.2119,
18.9472

■ 69.4306, 69.2775,
37.1119

■ 58.2053, 53.4219,
13.0384

■ 74.3631, 75.5919,
49.7022

■ 55.5300, 49.0977,
8.9827

■ 79.9440, 82.4511,
64.8266

■ 53.3105, 45.2131,
6.5334

■ 86.2012, 89.8713,
82.6171

51.8995, 42.5793,
5.4832

93.1609, 97.8681,
103.1962

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.



75.2182, 63.4873, 35.1872



65.1146, 63.4873, 26.9115



54.7821, 63.4873, 27.3598

Triad

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



65.1146, 63.4873, 26.9115



43.0704, 63.4873, 86.9062



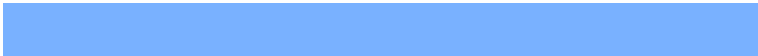
76.1458, 63.4873, 116.6479

Complementary

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



65.1146, 63.4873, 26.9115



41.6566, 42.7274, 100.6591

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.



66.2676, 63.4873, 140.1940



65.1146, 63.4873, 26.9115



47.5705, 63.4873, 119.9157

Square

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



65.1146, 63.4873, 26.9115



42.8376, 63.4873, 56.6433



55.8100, 63.4873, 141.5379



82.0653, 63.4873, 83.3218

Rectangle

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



65.1146, 63.4873, 26.9115



49.1406, 63.4873, 32.4720



55.8100, 63.4873, 141.5379



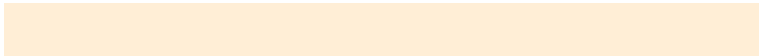
73.1298, 63.4873, 126.3414

Sweetspot

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



65.1161, 63.4904, 26.9128



83.9635, 87.2458, 76.1671



56.2210, 38.1926, 47.0925



17.6944, 18.3460, 15.5130



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.



65.1161, 63.4904, 26.9128



61.2316, 57.9853, 18.6372



77.2405, 92.5051, 31.8741



18.8879, 19.7440, 18.9598



27.2696, 22.5505, 2.9154



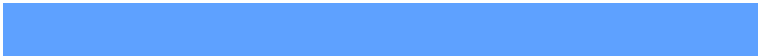
2.7632, 2.4117, 0.3199

Inverse Universe

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



41.6566, 42.7274, 100.6591



35.5310, 35.2761, 99.5440



34.0836, 25.6360, 97.7592



17.6267, 18.6249, 22.9159



12.2941, 9.4978, 50.6199



1.3020, 1.1347, 4.9637

Previews

White Background



This preview shows how the XYZ color 65.1146, 63.4873, 26.9115 looks on a white background.

Color Contrast Check

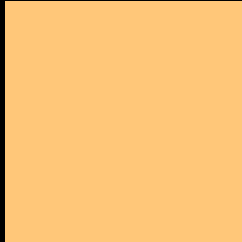
Large Text (above 18pt) WCAG AA × Fail

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 65.1146, 63.4873, 26.9115 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 65.1146, 63.4873, 26.9115

Background



This preview shows how black text looks on a background with the XYZ color 65.1146, 63.4873, 26.9115.



This preview shows how white text looks on a background with the XYZ color 65.1146, 63.4873,

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

65.1146, 63.4873, 26.9115

Protanopia

58.8152, 63.7396, 28.6051

Deuteranopia

64.7477, 63.2982, 26.8944



Tritanopia

70.9887, 63.3189, 65.6070

Trichromacy



Original Color

65.1146, 63.4873, 26.9115

Protanomaly

60.7293, 63.2950, 28.0852

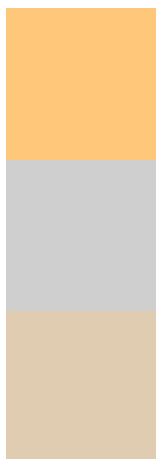
Deuteranomaly

64.7477, 63.2982, 26.8944

Tritanomaly

68.3951, 63.3462, 48.6666

Monochromacy



Original Color

65.1146, 63.4873, 26.9115

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.1698, 62.1676, 49.9026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1146, 63.4873, 26.9115 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, 199, 121)` looks like.

```
.text, #text, p{  
  color:rgb(255, 199, 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, 199, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 121) }
```

Border

The CSS property to change the border of an element to XYZ 65.1146, 63.4873, 26.9115 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, 199, 121) }
```


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

```
.border{ border-color:rgb(255, 199, 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, 199, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1146, 63.4873, 26.9115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 121) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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