

Converting Colors

XYZ(65.1073, 64.2255, 24.5880)

Have a look what the booklet for
XYZ(65.1073, 64.2255, 24.5880)
contains.

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Color

**XYZ(65.1073, 64.2255,
24.5880)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFC971 |
| RGB | 255, 201, 113 |
| RGB Percent | 100%, 79%, 44% |
| CMY | 0.0000, 0.2117, 0.5569 |
| CMYK | 0.00, 0.21, 0.56, 0.00 |
| HSL | 37°, 100%, 72% |
| HSV | 37°, 56%, 100% |
| XYZ | 65.1073, 64.2255, 24.5880 |
| YIQ | 207.1140, 60.4320, -15.9200 |

Conversions

Conversions Part 2

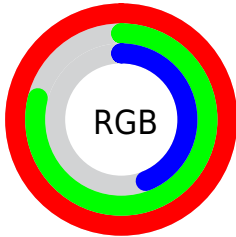
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 200, 255, 113 |
| Decimal | 16763249 |
| CIE _{Lab} | 84.08, 9.37, 50.77 |
| CIE _{LCh} | 84, 51.622, 79.547 |
| Yxy | 64.2255, 0.4230, 0.4173 |
| Android (android.graphics.Color) | 4294953329 (0xFFFFC971) |
| YUV | 207.1140, -46.3982, 41.9960 |
| Hunter-Lab | 80.1408, 4.7690, 37.9078 |

Details

The XYZ color **65.1073, 64.2255, 24.5880** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.6782, 38.3667, 99.9744**, and the grayscale version is **59.6455, 62.7517, 68.3366**.

A 20% lighter version of the original color is **83.9751, 95.5700, 50.5801**, and **33.8089, 32.8173, 9.1099** is the 20% darker color. If you saturate the color by 10%, you get **61.6794, 59.3535, 17.3304**, and if you desaturate by 10%, it is **69.0843, 69.5504, 34.0194**.

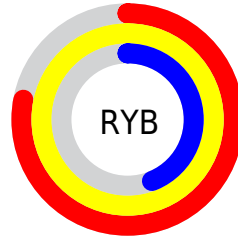
Distribution



Red (100%)

Green (79%)

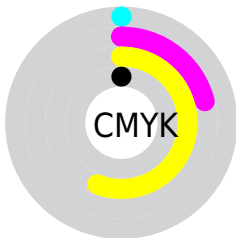
Blue (44%)



Red (78%)

Yellow (100%)

Blue (44%)

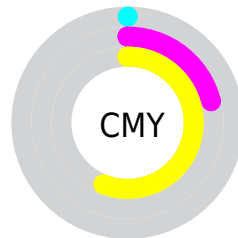


Cyan (0%)

Magenta (21%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1073, 64.2255, 24.5880 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 65.1073, 64.2255, 24.5880 by changing the saturation by 10% instead.


 65.1073, 64.2255,
24.5880

 65.1073, 64.2255,
24.5880


432.7166,
440.0035, 289.1616

 47.8131, 46.8333,
15.5541


 111.2690,
110.9356, 51.9438

 33.8895, 32.9039,
9.0583


 140.8671,
141.0224, 71.1029

 22.9712, 22.0529,
4.6819

 175.2974,
176.1095, 94.4742

 14.6929, 13.8957,
2.0064

214.9250,
216.5813, 122.4761

 8.6890, 8.0482,
0.5592

260.1154,
262.8222, 155.5273

 4.5944, 4.1258,
0.0000

311.2339,

 2.0436, 1.7442,

315.2166, 194.0462

0.0000

368.6458,
374.1489, 238.4515

■ 0.6583, 0.4520,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1073, 64.2255,
24.5880

■ 65.1073, 64.2255,
24.5880

■ 61.6794, 59.3535,
17.3304

■ 69.0843, 69.5504,
34.0194

■ 58.7585, 54.9059,
12.0588

■ 73.6389, 75.3364,
45.7833

■ 56.3030, 50.8643,
8.5599

■ 78.8031, 81.6024,
60.0280

■ 54.2598, 47.2031,
6.5680

■ 84.6045, 88.3636,
76.8883

■ 53.4733, 45.7268,
6.0078

■ 91.0693, 95.6340,
96.4892

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



76.3955, 64.2255, 32.2199



65.1073, 64.2255, 24.5880



54.0020, 64.2255, 25.8934

Triad

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



65.1073, 64.2255, 24.5880



42.6343, 64.2255, 93.1011



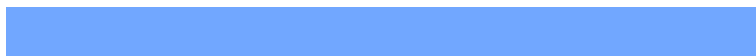
79.2844, 64.2255, 119.0671

Complementary

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



65.1073, 64.2255, 24.5880



38.6782, 38.3667, 99.9744

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.



68.6740, 64.2255, 147.3155



65.1073, 64.2255, 24.5880



47.9012, 64.2255, 129.3845

Square

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



65.1073, 64.2255, 24.5880



41.9303, 64.2255, 59.1507



57.1542, 64.2255, 151.5884



85.2306, 64.2255, 81.9467

Rectangle

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



65.1073, 64.2255, 24.5880



48.1274, 64.2255, 31.8408



57.1542, 64.2255, 151.5884



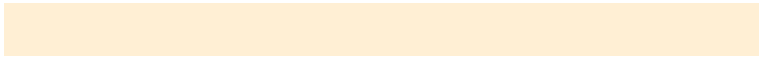
76.0876, 64.2255, 130.3485

Sweetspot

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



65.1088, 64.2286, 24.5893



83.8047, 87.4461, 74.5179



54.1606, 35.8769, 40.8406



17.6807, 18.4205, 15.1940



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.



65.1088, 64.2286, 24.5893



61.2674, 58.7449, 16.5281



74.1462, 90.9643, 29.2735



18.9471, 19.8623, 18.9795



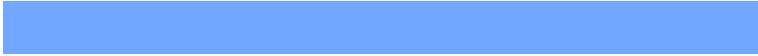
28.0897, 24.1906, 3.1888



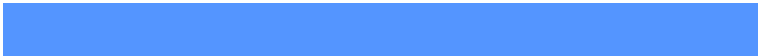
2.8405, 2.5664, 0.3456

Inverse Universe

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



38.6782, 38.3667, 99.9744



32.4851, 30.6428, 98.8102



33.0953, 23.7426, 97.4459



17.5691, 18.5097, 22.8967



11.7958, 8.5011, 50.4538



1.2499, 1.0305, 4.9463

Previews

White Background



This preview shows how the XYZ color 65.1073, 64.2255, 24.5880 looks on a white background.

Color Contrast Check

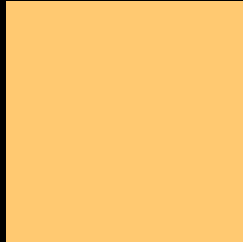
Large Text (above 18pt) WCAG AA × Fail

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 65.1073, 64.2255, 24.5880 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 65.1073, 64.2255, 24.5880

Background



This preview shows how black text looks on a background with the XYZ color 65.1073, 64.2255, 24.5880.



This preview shows how white text looks on a background with the XYZ color 65.1073, 64.2255,

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

65.1073, 64.2255, 24.5880

Protanopia

59.1540, 64.3431, 25.8247

Deuteranopia

65.5168, 64.3894, 26.7446



Tritanopia

71.6724, 64.2998, 67.0261

Trichromacy



Original Color

65.1073, 64.2255, 24.5880

Protanomaly

61.3425, 64.3887, 25.4148

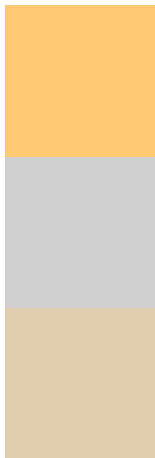
Deuteranomaly

65.3375, 64.3176, 25.8005

Tritanomaly

68.6526, 64.1711, 47.7976

Monochromacy



Original Color

65.1073, 64.2255, 24.5880

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.1146, 62.5271, 48.4357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1073, 64.2255, 24.5880 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, 201, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 113)  
}
```

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, 201, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 113) }
```

Border

The CSS property to change the border of an element to XYZ 65.1073, 64.2255, 24.5880 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, 201, 113) }
```


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

```
.border{ border-color:rgb(255, 201, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1073, 64.2255, 24.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 113) }
```

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

```
.background{ background-color: rgb(255,  
201, 113) }
```

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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