

Converting Colors

$Yxy(68.1763, 0.4702, 0.3882)$

Have a look what the booklet for
Yxy(68.1763, 0.4702, 0.3882)
contains.

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Color

Yxy(57.5927, 0.4318, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA72
RGB	255, 186, 114
RGB Percent	100%, 73%, 45%
CMY	0.0001, 0.2705, 0.5530
CMYK	0.00, 0.27, 0.55, 0.00
HSL	31°, 100%, 72%
HSV	31°, 55%, 100%
XYZ	61.8312, 57.5927, 23.7702
YIQ	198.4230, 64.2360, -7.7640

Conversions

Conversions Part 2

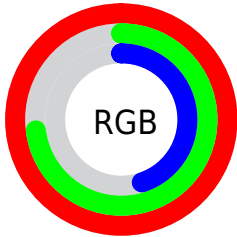
Format	Color
R _Y B	249, 255, 114
Decimal	16759410
CIE Lab	80.51, 17.24, 45.97
CIE LCh	81, 49.099, 69.445
Yxy	57.5927, 0.4318, 0.4022
Android (android.graphics.Color)	4294949490 (0xFFFFBA72)
YUV	198.4230, -41.6205, 49.6180
Hunter-Lab	75.8899, 12.6256, 34.5521

Details

The Yxy color **57.5927, 0.4318, 0.4022** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **44.6413, 0.2234, 0.2380**, and the grayscale version is **56.9722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5543, 0.3689, 0.4039**, and **28.7473, 0.4592, 0.4149** is the 20% darker color. If you saturate the color by 10%, you get **52.0653, 0.4592, 0.4117**, and if you desaturate by 10%, it is **63.7463, 0.4053, 0.3901**.

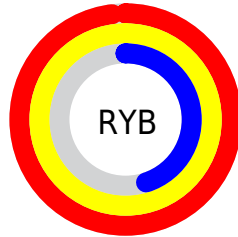
Distribution



Red (100%)

Green (73%)

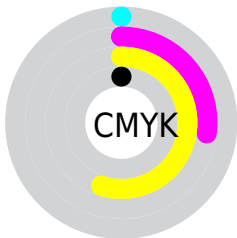
Blue (45%)



Red (98%)

Yellow (100%)

Blue (45%)

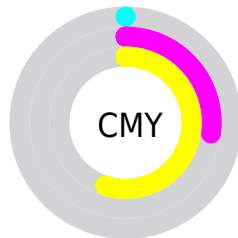


Cyan (0%)

Magenta (27%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5927, 0.4318, 0.4022 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 Yxy color 57.5927, 0.4318, 0.4022 by changing the saturation by 10% instead.


 57.5927, 0.4318,
0.4022

 57.5927, 0.4318,
0.4022


415.6665, 0.3754,
0.3706


 41.4813, 0.4445,
0.4083


 101.3295, 0.4123,
0.3920

 28.6953, 0.4598,
0.4152


 129.7237, 0.4046,
0.3878

 18.8505, 0.4785,
0.4226


 162.9809, 0.3981,
0.3841

 11.5623, 0.5014,
0.4297

201.4856, 0.3923,
0.3807

 6.4464, 0.5318,
0.4368

245.6221, 0.3873,
0.3778

 3.1184, 0.5649,
0.4351

295.7748, 0.3829,

 1.1938, 0.5916,

0.3751

0.4084

352.3282, 0.3789,
0.3728

0.0567, 0.8934,
0.1066

0.0000, 0.0000,
0.0000

57.5927, 0.4318,
0.4022

57.5927, 0.4318,
0.4022

52.0653, 0.4592,
0.4117

63.7463, 0.4053,
0.3901

47.1301, 0.4861,
0.4174

70.5410, 0.3807,
0.3766

42.7617, 0.5108,
0.4180

78.0016, 0.3584,
0.3627

38.9275, 0.5317,
0.4129

86.1488, 0.3386,
0.3489

37.2927, 0.5404,
0.4091

95.0021, 0.3211,
0.3357

99.9972, 0.3127,
0.3290

Harmonies

Analogous

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



57.5927, 0.4380, 0.3548



57.5927, 0.4318, 0.4022



57.5927, 0.3924, 0.4378

Triad

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



57.5927, 0.4318, 0.4022



57.5927, 0.2253, 0.3436



57.5927, 0.2814, 0.2383

Complementary

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



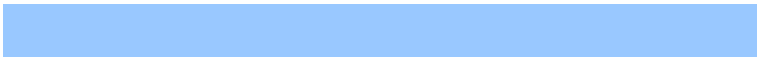
57.5927, 0.4318, 0.4022



44.6413, 0.2234, 0.2380

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.



57.5927, 0.2314, 0.2299



57.5927, 0.4318, 0.4022



57.5927, 0.2018, 0.2827

Square

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



57.5927, 0.4318, 0.4022



57.5927, 0.2727, 0.4076



57.5927, 0.2041, 0.2439



57.5927, 0.3457, 0.2656

Rectangle

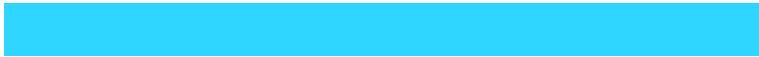
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.5927, 0.4318, 0.4022



57.5927, 0.3545, 0.4462



57.5927, 0.2041, 0.2439



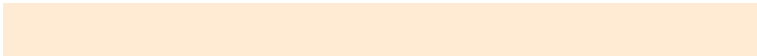
57.5927, 0.2625, 0.2332

Sweetspot

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



57.5955, 0.4318, 0.4022



84.7254, 0.3418, 0.3512



36.7680, 0.3927, 0.2581



17.7775, 0.3456, 0.3540



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.5955, 0.4318, 0.4022



51.7074, 0.4611, 0.4123



93.9824, 0.3926, 0.4610



19.5215, 0.3281, 0.3412



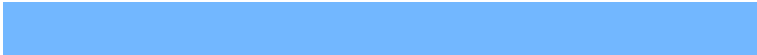
19.7887, 0.5379, 0.4111



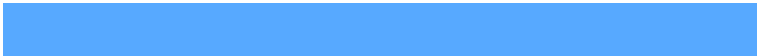
2.1455, 0.5207, 0.4248

Inverse Universe

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



44.6413, 0.2234, 0.2380



37.6156, 0.2081, 0.2165



22.8249, 0.2050, 0.1510



18.8447, 0.2979, 0.3165



11.6976, 0.1761, 0.1538



1.3568, 0.1818, 0.1746

Previews

White Background



This preview shows how the Yxy color 57.5927, 0.4318, 0.4022 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 Yxy color 57.5927, 0.4318, 0.4022 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](#).

Yxy 57.5927, 0.4318, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 57.5927, 0.4318, 0.4022.



This preview shows how white text looks on a background with the Yxy color 57.5927, 0.4318, 0.4022.

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

57.5927, 0.4318, 0.4022

Protanopia

57.7005, 0.3892, 0.4221

Deuteranopia

57.6870, 0.4201, 0.4113



Tritanopia

57.6641, 0.3689, 0.3177

Trichromacy



Original Color

57.5927, 0.4318, 0.4022

Protanomaly

57.4704, 0.4045, 0.4151

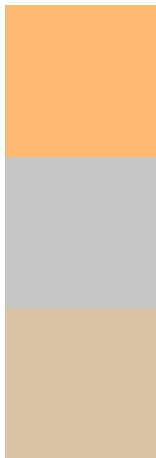
Deuteranomaly

57.5439, 0.4247, 0.4081

Tritanomaly

57.3602, 0.3932, 0.3492

Monochromacy



Original Color

57.5927, 0.4318, 0.4022

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4337, 0.3546, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5927, 0.4318, 0.4022 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, 186, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 114)  
}
```

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, 186, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 114) }
```

Border

The CSS property to change the border of an element to Yxy 57.5927, 0.4318, 0.4022 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, 186, 114) }
```

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

```
.border{ border-color:rgb(255, 186, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5927, 0.4318, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 114) }
```

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

```
.background{ background-color: rgb(255,  
186, 114) }
```

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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