

Converting Colors

Yxy(52.1564, 0.4534, 0.4205)

Have a look what the booklet for
Yxy(52.1564, 0.4534, 0.4205)
contains.

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Color

Yxy(52.0566, 0.4529, 0.4204)

Conversions

Conversions Part 1

Format	Color
Hex	F8B155
RGB	248, 177, 85
RGB Percent	97%, 69%, 33%
CMY	0.0273, 0.3059, 0.6666
CMYK	0.00, 0.29, 0.66, 0.03
HSL	34°, 92%, 65%
HSV	34°, 66%, 97%
XYZ	56.0810, 52.0566, 15.6888
YIQ	187.7410, 71.8480, -13.5600

Conversions

Conversions Part 2

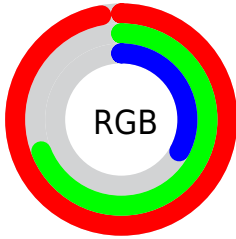
Format	Color
R _Y B	211, 248, 85
Decimal	16298325
CIE Lab	77.31, 17.15, 56.04
CIE LCh	77, 58.602, 72.983
Yxy	52.0566, 0.4529, 0.4204
Android (android.graphics.Color)	4294488405 (0xFFFF8B155)
YUV	187.7410, -50.6513, 52.8471
Hunter-Lab	72.1503, 12.4815, 37.6128

Details

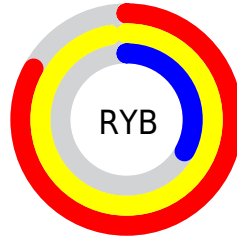
The Yxy color **52.0566, 0.4529, 0.4204** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **32.5040, 0.2057, 0.2051**, and the grayscale version is **50.3997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3728, 0.3902, 0.4235**, and **25.0844, 0.4839, 0.4341** is the 20% darker color. If you saturate the color by 10%, you get **47.6298, 0.4771, 0.4270**, and if you desaturate by 10%, it is **56.9648, 0.4278, 0.4098**.

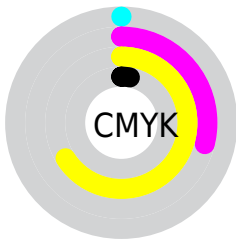
Distribution



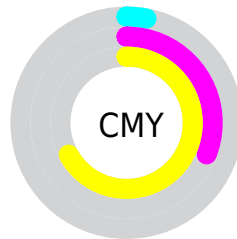
- Red (97%)
- Green (69%)
- Blue (33%)



- Red (83%)
- Yellow (97%)
- Blue (33%)



- Cyan (0%)
- Magenta (29%)
- Yellow (66%)
- Black (3%)




- Cyan (3%)
- Magenta (31%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0566, 0.4529, 0.4204 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 52.0566, 0.4529, 0.4204 by changing the saturation by 10% instead.


 52.0566, 0.4529,
0.4204


 52.0566, 0.4529,
0.4204


394.6551, 0.3869,
0.3817


 37.0502, 0.4671,
0.4273


 93.2147, 0.4304,
0.4083


 25.2464, 0.4839,
0.4345


 120.1352, 0.4215,
0.4032


 16.2607, 0.5035,
0.4412


 151.7958, 0.4138,
0.3986

 9.7088, 0.5267,
0.4466

 188.5810, 0.4070,
0.3944

 5.2063, 0.5530,
0.4470

 230.8751, 0.4011,
0.3907

 2.3688, 0.5714,
0.4286

279.0626, 0.3958,

 0.8098, 0.6046,

0.3874

0.3954

333.5278, 0.3911,
0.3844

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0566, 0.4529,
0.4204

52.0566, 0.4529,
0.4204

47.6298, 0.4771,
0.4270

56.9648, 0.4278,
0.4098

43.6538, 0.4990,
0.4287

62.3672, 0.4032,
0.3966


40.1042, 0.5173,
0.4248


68.2852, 0.3799,
0.3819


38.7024, 0.5243,
0.4219

74.7362, 0.3584,
0.3667

 81.7366, 0.3390,
0.3515

 89.3018, 0.3217,
0.3370

 97.2105, 0.3085,
0.3267

 98.7015, 0.3084,
0.3290

Harmonies

Analogous

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



52.0566, 0.4683, 0.3636



52.0566, 0.4529, 0.4204



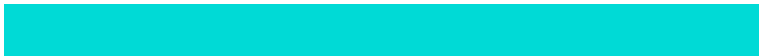
52.0566, 0.3996, 0.4646

Triad

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



52.0566, 0.4529, 0.4204



52.0566, 0.2015, 0.3357



52.0566, 0.2822, 0.2235

Complementary

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



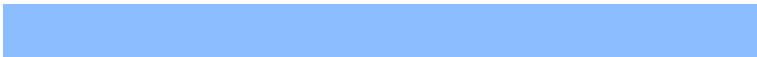
52.0566, 0.4529, 0.4204



32.5040, 0.2057, 0.2051

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.



52.0566, 0.2202, 0.2103



52.0566, 0.4529, 0.4204



52.0566, 0.1786, 0.2634

Square

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



52.0566, 0.4529, 0.4204



52.0566, 0.2544, 0.4197



52.0566, 0.1852, 0.2221



52.0566, 0.3622, 0.2577

Rectangle

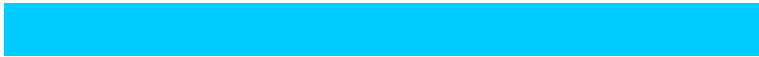
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0566, 0.4529, 0.4204



52.0566, 0.3521, 0.4747



52.0566, 0.1852, 0.2221



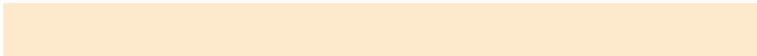
52.0566, 0.2588, 0.2165

Sweetspot

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



52.0592, 0.4529, 0.4204



83.7710, 0.3471, 0.3580



28.9420, 0.4275, 0.2569



17.4838, 0.3526, 0.3623



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.



52.0592, 0.4529, 0.4204



49.2391, 0.4848, 0.4282



86.3114, 0.3974, 0.4824



18.8505, 0.3280, 0.3424



21.1863, 0.5221, 0.4236



2.1732, 0.5065, 0.4360

Inverse Universe

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



32.5040, 0.2057, 0.2051



27.1400, 0.1884, 0.1756



15.6139, 0.1889, 0.1193



17.8873, 0.2979, 0.3153



9.7300, 0.1713, 0.1368



1.1078, 0.1777, 0.1598

Previews

White Background



This preview shows how the Yxy color 52.0566, 0.4529, 0.4204 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 52.0566, 0.4529, 0.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

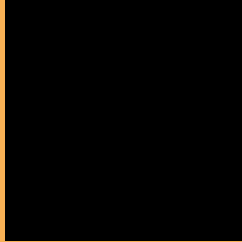
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0566, 0.4529, 0.4204

Background



This preview shows how black text looks on a background with the Yxy color 52.0566, 0.4529, 0.4204.



This preview shows how white text looks on a background with the Yxy color 52.0566, 0.4529, 0.4204.

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

52.0566, 0.4529, 0.4204

Protanopia

52.4345, 0.4070, 0.4461

Deuteranopia

52.1005, 0.4401, 0.4306



Tritanopia

52.1521, 0.3836, 0.3166

Trichromacy



Original Color

52.0566, 0.4529, 0.4204

Protanomaly

52.2528, 0.4233, 0.4373

Deuteranomaly

51.9834, 0.4452, 0.4270

Tritanomaly

51.8656, 0.4116, 0.3569

Monochromacy



Original Color

52.0566, 0.4529, 0.4204

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2170, 0.3628, 0.3695

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0566, 0.4529, 0.4204 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(248, 177, 85)` looks like.

```
.text, #text, p{  
    color:rgb(248, 177, 85)  
}
```

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(248, 177, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 177, 85) }
```

Border

The CSS property to change the border of an element to Yxy 52.0566, 0.4529, 0.4204 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(248, 177, 85) }
```

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

```
.border{ border-color:rgb(248, 177, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 177, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 177, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 177, 85);  
box-shadow:4px 4px 4px 4px rgb(248, 177,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0566, 0.4529, 0.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 177, 85) }
```

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

```
.background{ background-color: rgb(248,  
177, 85) }
```

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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