

Converting Colors

$Yxy(52.1307, 0.4497, 0.4257)$

Have a look what the booklet for
Yxy(52.1307, 0.4497, 0.4257)
contains.

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Color

Yxy(52.0978, 0.4492, 0.4255)

Conversions

Conversions Part 1

Format	Color
Hex	F4B353
RGB	244, 179, 83
RGB Percent	96%, 70%, 33%
CMY	0.0430, 0.2981, 0.6745
CMYK	0.00, 0.27, 0.66, 0.04
HSL	36°, 88%, 64%
HSV	36°, 66%, 96%
XYZ	54.9996, 52.0978, 15.3416
YIQ	187.4910, 69.5560, -16.0760

Conversions

Conversions Part 2

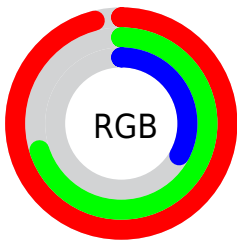
Format	Color
R_{YB}	192, 244, 83
Decimal	16036691
CIE _{Lab}	77.34, 14.33, 56.86
CIE _{LCh}	77, 58.636, 75.853
Yxy	52.0978, 0.4492, 0.4255
Android (android.graphics.Color)	4294226771 (0xFFFF4B353)
YUV	187.4910, -51.5141, 49.5584
Hunter-Lab	72.1788, 9.7025, 37.9231

Details

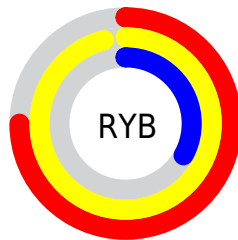
The Yxy color **52.0978, 0.4492, 0.4255** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **29.5705, 0.2036, 0.1974**, and the grayscale version is **50.2563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4542, 0.3905, 0.4270**, and **25.2008, 0.4796, 0.4403** is the 20% darker color. If you saturate the color by 10%, you get **47.9763, 0.4718, 0.4327**, and if you desaturate by 10%, it is **56.6395, 0.4255, 0.4144**.

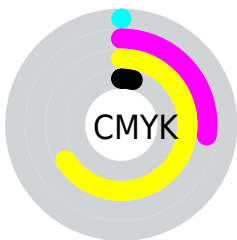
Distribution



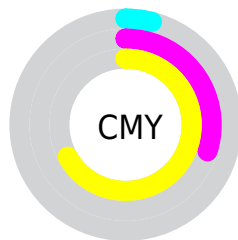
- Red (96%)
- Green (70%)
- Blue (33%)



- Red (75%)
- Yellow (96%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (66%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0978, 0.4492, 0.4255 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 52.0978, 0.4492, 0.4255 by changing the saturation by 10% instead.


 52.0978, 0.4492,
0.4255

 52.0978, 0.4492,
0.4255

394.8141, 0.3853,
0.3841


 37.0830, 0.4629,
0.4331


 93.2755, 0.4275,
0.4124


 25.2718, 0.4789,
0.4411


 120.2071, 0.4189,
0.4069


 16.2797, 0.4974,
0.4488


 151.8799, 0.4114,
0.4020

 9.7223, 0.5195,
0.4559

 188.6782, 0.4048,
0.3976

 5.2152, 0.5426,
0.4574

 230.9863, 0.3990,
0.3937

 2.3741, 0.5583,
0.4417

279.1888, 0.3939,

 0.8125, 0.5869,

0.3901

0.4131

333.6699, 0.3894,
0.3869

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.0978, 0.4492,
0.4255

■ 52.0978, 0.4492,
0.4255

■ 47.9763, 0.4718,
0.4327

■ 56.6395, 0.4255,
0.4144

■ 44.2469, 0.4920,
0.4349

■ 61.6120, 0.4019,
0.4005

■ 40.8879, 0.5088,
0.4317


■ 67.0343, 0.3793,
0.3851

■ 39.6310, 0.5148,
0.4294

■ 72.9219, 0.3584,
0.3691

 79.2892, 0.3392,
0.3532

 86.1497, 0.3221,
0.3378

 93.5164, 0.3068,
0.3233

 97.9798, 0.3060,
0.3290

Harmonies

Analogous

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



52.0978, 0.4689, 0.3692



52.0978, 0.4492, 0.4255



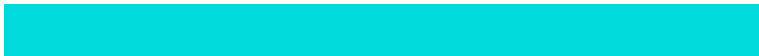
52.0978, 0.3932, 0.4673

Triad

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



52.0978, 0.4492, 0.4255



52.0978, 0.1980, 0.3277



52.0978, 0.2894, 0.2259

Complementary

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



52.0978, 0.4492, 0.4255



29.5705, 0.2036, 0.1974

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.



52.0978, 0.2249, 0.2105



52.0978, 0.4492, 0.4255



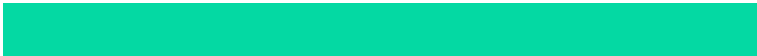
52.0978, 0.1779, 0.2581

Square

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



52.0978, 0.4492, 0.4255



52.0978, 0.2482, 0.4124



52.0978, 0.1873, 0.2197



52.0978, 0.3700, 0.2618

Rectangle

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



52.0978, 0.4492, 0.4255



52.0978, 0.3450, 0.4743



52.0978, 0.1873, 0.2197



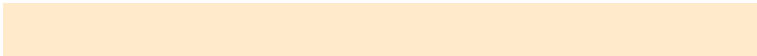
52.0978, 0.2652, 0.2183

Sweetspot

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



52.1004, 0.4492, 0.4255



84.6925, 0.3468, 0.3596



27.6328, 0.4359, 0.2622



17.7049, 0.3522, 0.3641



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.



52.1004, 0.4492, 0.4255



51.6493, 0.4786, 0.4340



82.2740, 0.3937, 0.4852



18.1251, 0.3279, 0.3431



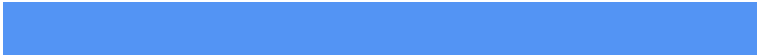
21.8169, 0.5129, 0.4310



2.1188, 0.4980, 0.4428

Inverse Universe

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



29.5705, 0.2036, 0.1974



25.2991, 0.1861, 0.1670



15.2316, 0.1916, 0.1201



17.0256, 0.2980, 0.3145



8.6102, 0.1687, 0.1273



0.9528, 0.1756, 0.1520

Previews

White Background



This preview shows how the Yxy color 52.0978, 0.4492, 0.4255 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 52.0978, 0.4492, 0.4255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

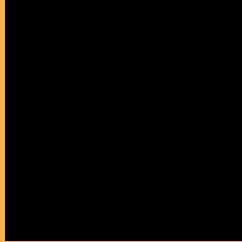
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0978, 0.4492, 0.4255

Background



This preview shows how black text looks on a background with the Yxy color 52.0978, 0.4492, 0.4255.



This preview shows how white text looks on a background with the Yxy color 52.0978, 0.4492, 0.4255.

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

52.0978, 0.4492, 0.4255

Protanopia

52.3844, 0.4089, 0.4488

Deuteranopia

52.0696, 0.4414, 0.4322



Tritanopia

51.8507, 0.3778, 0.3153

Trichromacy



Original Color

52.0978, 0.4492, 0.4255

Protanomaly

52.0598, 0.4237, 0.4395

Deuteranomaly

52.1822, 0.4448, 0.4299

Tritanomaly

51.5058, 0.4076, 0.3584

Monochromacy



Original Color

52.0978, 0.4492, 0.4255

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8608, 0.3627, 0.3723

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0978, 0.4492, 0.4255 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(244, 179, 83)` looks like.

```
.text, #text, p{  
    color:rgb(244, 179, 83)  
}
```

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(244, 179, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 179, 83) }
```

Border

The CSS property to change the border of an element to Yxy 52.0978, 0.4492, 0.4255 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(244, 179, 83) }
```

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

```
.border{ border-color:rgb(244, 179, 83) }
```

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

Here you see how a box with a 4 pixel rgb(244, 179, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 179, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 179, 83);  
box-shadow:4px 4px 4px 4px rgb(244, 179,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0978, 0.4492, 0.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 179, 83) }
```

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

```
.background{ background-color: rgb(244,  
179, 83) }
```

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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