

Converting Colors

$Yxy(50.4305, 0.4475, 0.4304)$

Have a look what the booklet for
Yxy(50.4305, 0.4475, 0.4304)
contains.

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Color

Yxy(50.5824, 0.4473, 0.4303)

Conversions

Conversions Part 1

Format	Color
Hex	EEB24F
RGB	238, 178, 79
RGB Percent	93%, 70%, 31%
CMY	0.0668, 0.3019, 0.6902
CMYK	0.00, 0.25, 0.67, 0.07
HSL	37°, 82%, 62%
HSV	37°, 67%, 93%
XYZ	52.5808, 50.5824, 14.3883
YIQ	184.6540, 67.5390, -18.0690

Conversions

Conversions Part 2

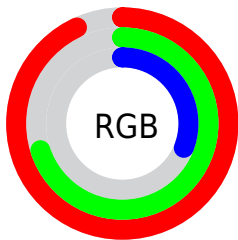
Format	Color
RYB	175, 238, 79
Decimal	15643215
CIELab	76.43, 12.07, 57.48
CIELCh	76, 58.738, 78.141
Yxy	50.5824, 0.4473, 0.4303
Android (android.graphics.Color)	4293833295 (0xFFEEB24F)
YUV	184.6540, -52.0874, 46.7844
Hunter-Lab	71.1213, 7.5048, 37.7902

Details

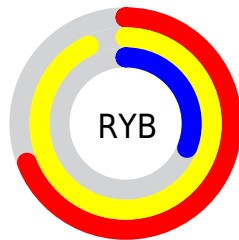
The Yxy color **50.5824, 0.4473, 0.4303** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **26.2776, 0.2011, 0.1896**, and the grayscale version is **48.5803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7716, 0.3933, 0.4298**, and **24.4485, 0.4759, 0.4479** is the 20% darker color. If you saturate the color by 10%, you get **46.8433, 0.4685, 0.4377**, and if you desaturate by 10%, it is **54.6840, 0.4248, 0.4189**.

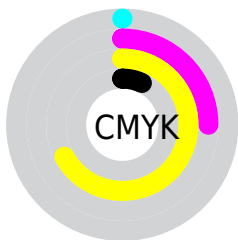
Distribution



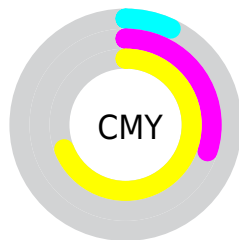
- Red (93%)
- Green (70%)
- Blue (31%)



- Red (69%)
- Yellow (93%)
- Blue (31%)



- Cyan (0%)
- Magenta (25%)
- Yellow (67%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5824, 0.4473, 0.4303 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 50.5824, 0.4473, 0.4303 by changing the saturation by 10% instead.


 50.5824, 0.4473,
0.4303

 50.5824, 0.4473,
0.4303


388.9391, 0.3843,
0.3862


 35.8764, 0.4607,
0.4385


 91.0372, 0.4260,
0.4163

 24.3387, 0.4763,
0.4472


 117.5547, 0.4174,
0.4104


 15.5851, 0.4941,
0.4557


 148.7783, 0.4100,
0.4052

 9.2310, 0.5165,
0.4648

 185.0921, 0.4036,
0.4005

 4.8922, 0.5352,
0.4648

 226.8808, 0.3979,
0.3963

 2.1841, 0.5493,
0.4507

274.5285, 0.3928,

 0.7113, 0.5788,

0.3926

0.4212

328.4199, 0.3883,
0.3893

0.0000, 0.0000,
0.0000

50.5824, 0.4473,
0.4303

50.5824, 0.4473,
0.4303

46.8433, 0.4685,
0.4377

54.6840, 0.4248,
0.4189

43.4407, 0.4872,
0.4401

59.1568, 0.4021,
0.4046

40.3550, 0.5025,
0.4373

64.0180, 0.3801,
0.3887

39.4250, 0.5069,
0.4357

69.2810, 0.3595,
0.3721

74.9587, 0.3405,
0.3555

81.0628, 0.3233,
0.3395

87.6048, 0.3080,
0.3242

93.6353, 0.3024,
0.3239

96.9096, 0.3023,
0.3290

Harmonies

Analogous

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



50.5824, 0.4708, 0.3738



50.5824, 0.4473, 0.4303



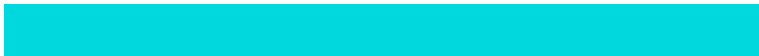
50.5824, 0.3886, 0.4708

Triad

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



50.5824, 0.4473, 0.4303



50.5824, 0.1941, 0.3213



50.5824, 0.2949, 0.2270

Complementary

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



50.5824, 0.4473, 0.4303



26.2776, 0.2011, 0.1896

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.



50.5824, 0.2281, 0.2097



50.5824, 0.4473, 0.4303



50.5824, 0.1763, 0.2531

Square

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



50.5824, 0.4473, 0.4303



50.5824, 0.2426, 0.4073



50.5824, 0.1880, 0.2169



50.5824, 0.3768, 0.2646

Rectangle

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



50.5824, 0.4473, 0.4303



50.5824, 0.3393, 0.4754



50.5824, 0.1880, 0.2169



50.5824, 0.2700, 0.2188

Sweetspot

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



50.5849, 0.4473, 0.4303



85.4791, 0.3465, 0.3609



25.6528, 0.4460, 0.2675



17.8940, 0.3518, 0.3656



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.



50.5849, 0.4473, 0.4303



53.3743, 0.4754, 0.4392



76.8123, 0.3902, 0.4889



17.3994, 0.3278, 0.3437



22.2611, 0.5052, 0.4371



2.0427, 0.4909, 0.4484

Inverse Universe

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



26.2776, 0.2011, 0.1896



23.3396, 0.1831, 0.1575



14.3335, 0.1935, 0.1195



16.2053, 0.2980, 0.3139



7.7276, 0.1666, 0.1197



0.8284, 0.1739, 0.1459

Previews

White Background



This preview shows how the Yxy color 50.5824, 0.4473, 0.4303 looks on a white background.

Color Contrast Check

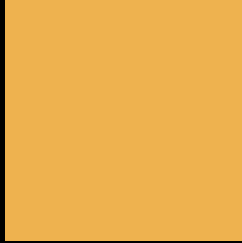
Large Text (above 18pt) WCAG AA × Fail

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 50.5824, 0.4473, 0.4303 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 50.5824, 0.4473, 0.4303

Background



This preview shows how black text looks on a background with the Yxy color 50.5824, 0.4473, 0.4303.



This preview shows how white text looks on a background with the Yxy color 50.5824, 0.4473, 0.4303.

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

50.5824, 0.4473, 0.4303

Protanopia

50.7060, 0.4122, 0.4514

Deuteranopia

50.8692, 0.4431, 0.4335



Tritanopia

50.3452, 0.3737, 0.3150

Trichromacy



Original Color

50.5824, 0.4473, 0.4303

Protanomaly

50.5076, 0.4247, 0.4437

Deuteranomaly

50.6376, 0.4448, 0.4321

Tritanomaly

49.9862, 0.4045, 0.3601

Monochromacy



Original Color

50.5824, 0.4473, 0.4303

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3686, 0.3622, 0.3742

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5824, 0.4473, 0.4303 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(238, 178, 79)` looks like.

```
.text, #text, p{  
    color:rgb(238, 178, 79)  
}
```

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(238, 178, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 178, 79) }
```

Border

The CSS property to change the border of an element to Yxy 50.5824, 0.4473, 0.4303 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(238, 178, 79) }
```

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

```
.border{ border-color:rgb(238, 178, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 178, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 178, 79); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 178, 79); box-shadow:4px 4px 4px 4px rgb(238, 178, 79) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5824, 0.4473, 0.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 178, 79) }
```

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

```
.background{ background-color: rgb(238,  
178, 79) }
```

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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