

Converting Colors

Yxy(56.2490, 0.4269, 0.4484)

Have a look what the booklet for
Yxy(56.2490, 0.4269, 0.4484)
contains.

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Color

Yxy(56.4324, 0.4264, 0.4490)

Conversions

Conversions Part 1

Format	Color
Hex	E6C350
RGB	230, 195, 80
RGB Percent	90%, 76%, 31%
CMY	0.0981, 0.2352, 0.6862
CMYK	0.00, 0.15, 0.65, 0.10
HSL	46°, 75%, 61%
HSV	46°, 65%, 90%
XYZ	53.5919, 56.4324, 15.6603
YIQ	192.3550, 57.7750, -28.3450

Conversions

Conversions Part 2

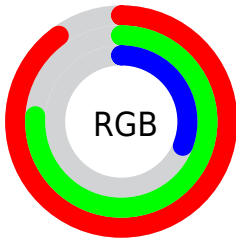
Format	Color
RYB	126, 230, 80
Decimal	15123280
CIELab	79.86, -0.12, 60.49
CIElCh	80, 60.487, 90.110
Yxy	56.4324, 0.4264, 0.4490
Android (android.graphics.Color)	4293313360 (0xFFE6C350)
YUV	192.3550, -55.3910, 33.0147
Hunter-Lab	75.1215, -4.1201, 40.2251

Details

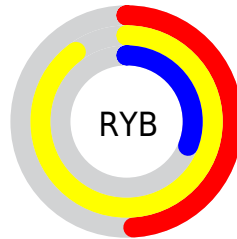
The Yxy color **56.4324, 0.4264, 0.4490** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **19.6764, 0.1964, 0.1629**, and the grayscale version is **53.2372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9756, 0.3846, 0.4420**, and **28.0581, 0.4480, 0.4725** is the 20% darker color. If you saturate the color by 10%, you get **53.7909, 0.4418, 0.4597**, and if you desaturate by 10%, it is **59.2819, 0.4091, 0.4345**.

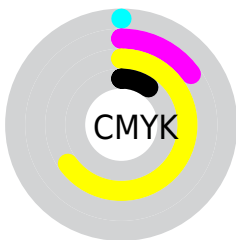
Distribution



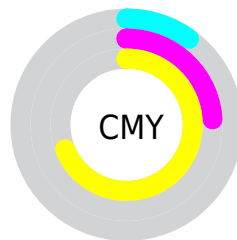
- Red (90%)
- Green (76%)
- Blue (31%)



- Red (49%)
- Yellow (90%)
- Blue (31%)



- Cyan (0%)
- Magenta (15%)
- Yellow (65%)
- Black (10%)



- Cyan (10%)
- Magenta (24%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4324, 0.4264, 0.4490 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 56.4324, 0.4264, 0.4490 by changing the saturation by 10% instead.

56.4324, 0.4264,
0.4490

56.4324, 0.4264,
0.4490

411.3190, 0.3753,
0.3950

40.5497, 0.4366,
0.4598

99.6365, 0.4096,
0.4313

27.9674, 0.4482,
0.4720

127.7267, 0.4028,
0.4240

18.3011, 0.4607,
0.4853

160.6549, 0.3967,
0.4177

11.1664, 0.4744,
0.4998

198.8054, 0.3914,
0.4120

6.1789, 0.4869,
0.5131

242.5627, 0.3867,
0.4071

2.9541, 0.4867,
0.5133

292.3111, 0.3825,

1.1078, 0.4865,

0.4026

0.5135

348.4351, 0.3787,
0.3986

0.0000, 0.0000,
0.0000

56.4324, 0.4264,
0.4490

56.4324, 0.4264,
0.4490

53.7909, 0.4418,
0.4597

59.2819, 0.4091,
0.4345

51.3360, 0.4546,
0.4657

62.3429, 0.3908,
0.4172

49.0542, 0.4644,
0.4669

65.6284, 0.3722,
0.3981

48.0097, 0.4684,
0.4663

69.1478, 0.3541,
0.3781

72.9099, 0.3368,
0.3582

■ 76.9228, 0.3206,
0.3388

■ 81.1942, 0.3058,
0.3203

■ 85.1379, 0.2974,
0.3117

■ 88.3056, 0.2974,
0.3172

Harmonies

Analogous

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



56.4324, 0.4658, 0.3967



56.4324, 0.4264, 0.4490



56.4324, 0.3594, 0.4754

Triad

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



56.4324, 0.4264, 0.4490



56.4324, 0.1841, 0.2908



56.4324, 0.3270, 0.2404

Complementary

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



56.4324, 0.4264, 0.4490



19.6764, 0.1964, 0.1629

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.



56.4324, 0.2523, 0.2146



56.4324, 0.4264, 0.4490



56.4324, 0.1783, 0.2355

Square

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



56.4324, 0.4264, 0.4490



56.4324, 0.2204, 0.3728



56.4324, 0.2013, 0.2116



56.4324, 0.4070, 0.2842

Rectangle

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



56.4324, 0.4264, 0.4490



56.4324, 0.3088, 0.4645



56.4324, 0.2013, 0.2116



56.4324, 0.3002, 0.2295

Sweetspot

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



56.4351, 0.4264, 0.4490



89.7856, 0.3451, 0.3679



23.7977, 0.4754, 0.2932



18.9326, 0.3501, 0.3736



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.



56.4351, 0.4264, 0.4490



66.9623, 0.4463, 0.4621



68.1076, 0.3717, 0.4967



16.2175, 0.3273, 0.3469



27.3811, 0.4674, 0.4671



2.1620, 0.4590, 0.4738

Inverse Universe

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



19.6764, 0.1964, 0.1629



17.6606, 0.1763, 0.1272



15.4457, 0.2131, 0.1322



14.4298, 0.2980, 0.3104



4.8637, 0.1572, 0.0859



0.4993, 0.1647, 0.1130

Previews

White Background



This preview shows how the Yxy color 56.4324, 0.4264, 0.4490 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 56.4324, 0.4264, 0.4490 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 56.4324, 0.4264, 0.4490

Background



This preview shows how black text looks on a background with the Yxy color 56.4324, 0.4264, 0.4490.



This preview shows how white text looks on a background with the Yxy color 56.4324, 0.4264, 0.4490.

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

56.4324, 0.4264, 0.4490

Protanopia

56.3544, 0.4160, 0.4552

Deuteranopia

56.1685, 0.4442, 0.4338



Tritanopia

56.2489, 0.3493, 0.3138

Trichromacy



Original Color

56.4324, 0.4264, 0.4490

Protanomaly

56.3739, 0.4193, 0.4529

Deuteranomaly

56.3809, 0.4374, 0.4400

Tritanomaly

55.7066, 0.3825, 0.3661

Monochromacy



Original Color

56.4324, 0.4264, 0.4490

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4961, 0.3565, 0.3806

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4324, 0.4264, 0.4490 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(230, 195, 80)` looks like.

```
.text, #text, p{  
    color:rgb(230, 195, 80)  
}
```

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(230, 195, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 195, 80) }
```

Border

The CSS property to change the border of an element to Yxy 56.4324, 0.4264, 0.4490 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(230, 195, 80) }
```

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

```
.border{ border-color:rgb(230, 195, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 195, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 195, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 195, 80);  
box-shadow:4px 4px 4px 4px rgb(230, 195,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4324, 0.4264, 0.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 195, 80) }
```

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

```
.background{ background-color: rgb(230,  
195, 80) }
```

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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