

Converting Colors

Yxy(53.6604, 0.4364, 0.4509)

Have a look what the booklet for
Yxy(53.6604, 0.4364, 0.4509)
contains.

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Color

Yxy(53.6604, 0.4364, 0.4509)

Conversions

Conversions Part 1

Format	Color
Hex	E6BD46
RGB	230, 189, 70
RGB Percent	90%, 74%, 27%
CMY	0.0981, 0.2588, 0.7255
CMYK	0.00, 0.18, 0.70, 0.10
HSL	45°, 76%, 59%
HSV	45°, 70%, 90%
XYZ	51.9348, 53.6604, 13.4121
YIQ	187.6930, 62.6350, -28.3170

Conversions

Conversions Part 2

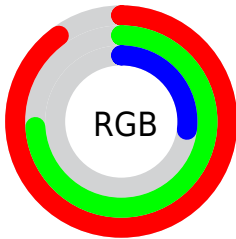
Format	Color
RYB	125, 230, 70
Decimal	15121734
CIELab	78.26, 2.46, 63.01
CIELCh	78, 63.059, 87.764
Yxy	53.6604, 0.4364, 0.4509
Android (android.graphics.Color)	4293311814 (0xFFE6BD46)
YUV	187.6930, -58.0226, 37.1032
Hunter-Lab	73.2533, -1.6410, 40.4217

Details

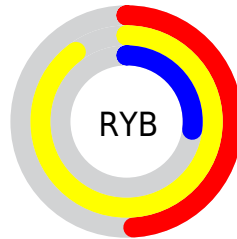
The Yxy color **53.6604, 0.4364, 0.4509** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **18.3781, 0.1904, 0.1556**, and the grayscale version is **50.4155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0201, 0.3925, 0.4456**, and **26.2684, 0.4603, 0.4723** is the 20% darker color. If you saturate the color by 10%, you get **50.9425, 0.4517, 0.4593**, and if you desaturate by 10%, it is **56.5976, 0.4190, 0.4383**.

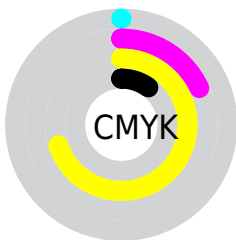
Distribution



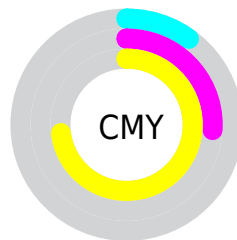
- Red (90%)
- Green (74%)
- Blue (27%)



- Red (49%)
- Yellow (90%)
- Blue (27%)



- Cyan (0%)
- Magenta (18%)
- Yellow (70%)
- Black (10%)



- Cyan (10%)
- Magenta (26%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6604, 0.4364, 0.4509 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 53.6604, 0.4364, 0.4509 by changing the saturation by 10% instead.


 53.6604, 0.4364,
0.4509


 53.6604, 0.4364,
0.4509


400.8137, 0.3806,
0.3968

 38.3302, 0.4475,
0.4613

 95.5754, 0.4181,
0.4334


 26.2391, 0.4598,
0.4728


 122.9291, 0.4106,
0.4261


 17.0026, 0.4730,
0.4846


 155.0593, 0.4041,
0.4197

 10.2363, 0.4901,
0.4997

 192.3506, 0.3983,
0.4141

 5.5559, 0.4969,
0.5031

 235.1873, 0.3931,
0.4090

 2.5770, 0.4997,
0.5003

283.9538, 0.3885,

 0.9151, 0.5047,

0.4045

0.4953

339.0344, 0.3844,
0.4004

0.0000, 0.0000,
0.0000

53.6604, 0.4364,
0.4509

53.6604, 0.4364,
0.4509

50.9425, 0.4517,
0.4593

56.5976, 0.4190,
0.4383

48.4215, 0.4641,
0.4628

59.7589, 0.4003,
0.4225

46.0765, 0.4737,
0.4618

63.1579, 0.3812,
0.4044

45.9783, 0.4741,
0.4617

66.8049, 0.3624,
0.3853

70.7090, 0.3444,
0.3658

■ 74.8790, 0.3276,
0.3466

■ 79.3230, 0.3121,
0.3282

■ 84.0485, 0.2980,
0.3109

■ 87.5652, 0.2974,
0.3159

Harmonies

Analogous

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



53.6604, 0.4757, 0.3942



53.6604, 0.4364, 0.4509



53.6604, 0.3671, 0.4837

Triad

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



53.6604, 0.4364, 0.4509



53.6604, 0.1793, 0.2939



53.6604, 0.3207, 0.2331

Complementary

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



53.6604, 0.4364, 0.4509



18.3781, 0.1904, 0.1556

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.



53.6604, 0.2436, 0.2078



53.6604, 0.4364, 0.4509



53.6604, 0.1712, 0.2334

Square

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



53.6604, 0.4364, 0.4509



53.6604, 0.2194, 0.3826



53.6604, 0.1927, 0.2065



53.6604, 0.4065, 0.2775

Rectangle

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



53.6604, 0.4364, 0.4509



53.6604, 0.3140, 0.4765



53.6604, 0.1927, 0.2065



53.6604, 0.2927, 0.2222

Sweetspot

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



53.6630, 0.4364, 0.4509



88.5764, 0.3471, 0.3688



22.3856, 0.4843, 0.2869



18.6617, 0.3521, 0.3742



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.



53.6630, 0.4364, 0.4509



63.1099, 0.4569, 0.4612



68.3257, 0.3775, 0.5027



16.1593, 0.3274, 0.3464



26.2380, 0.4731, 0.4626



2.0859, 0.4635, 0.4702

Inverse Universe

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



18.3781, 0.1904, 0.1556



16.3955, 0.1716, 0.1203



13.2377, 0.2015, 0.1182



14.4842, 0.2981, 0.3110



5.1670, 0.1585, 0.0905



0.5285, 0.1662, 0.1183

Previews

White Background



This preview shows how the Yxy color 53.6604, 0.4364, 0.4509 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 53.6604, 0.4364, 0.4509 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 53.6604, 0.4364, 0.4509

Background



This preview shows how black text looks on a background with the Yxy color 53.6604, 0.4364, 0.4509.



This preview shows how white text looks on a background with the Yxy color 53.6604, 0.4364, 0.4509.

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

53.6604, 0.4364, 0.4509

Protanopia

53.6374, 0.4198, 0.4619

Deuteranopia

53.6261, 0.4497, 0.4391



Tritanopia

53.5566, 0.3557, 0.3137

Trichromacy



Original Color

53.6604, 0.4364, 0.4509

Protanomaly

53.5264, 0.4257, 0.4575

Deuteranomaly

53.7499, 0.4452, 0.4435

Tritanomaly

52.9872, 0.3909, 0.3674

Monochromacy



Original Color

53.6604, 0.4364, 0.4509

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.7073, 0.3602, 0.3827

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6604, 0.4364, 0.4509 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, 189, 70)` looks like.

```
.text, #text, p{  
    color:rgb(230, 189, 70)  
}
```

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, 189, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 189, 70) }
```

Border

The CSS property to change the border of an element to Yxy 53.6604, 0.4364, 0.4509 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, 189, 70) }
```

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

```
.border{ border-color:rgb(230, 189, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 189, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 189, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 189, 70);  
box-shadow:4px 4px 4px 4px rgb(230, 189,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6604, 0.4364, 0.4509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 189, 70) }
```

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

```
.background{ background-color: rgb(230,  
189, 70) }
```

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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