

Converting Colors

$Yxy(54.6564, 0.4164, 0.4263)$

Have a look what the booklet for
Yxy(54.6564, 0.4164, 0.4263)
contains.

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Color

Yxy(54.5895, 0.4171, 0.4264)

Conversions

Conversions Part 1

Format	Color
Hex	E6BE65
RGB	230, 190, 101
RGB Percent	90%, 75%, 40%
CMY	0.0980, 0.2549, 0.6039
CMYK	0.00, 0.17, 0.56, 0.10
HSL	41°, 72%, 65%
HSV	41°, 56%, 90%
XYZ	53.3989, 54.5895, 20.0358
YIQ	191.8140, 52.4090, -19.1990

Conversions

Conversions Part 2

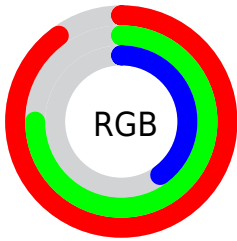
Format	Color
RYB	159, 230, 101
Decimal	15122021
CIELab	78.80, 3.93, 49.70
CIElCh	79, 49.854, 85.473
Yxy	54.5895, 0.4171, 0.4264
Android (android.graphics.Color)	4293312101 (0xFFE6BE65)
YUV	191.8140, -44.7713, 33.4891
Hunter-Lab	73.8847, -0.2905, 35.6413

Details

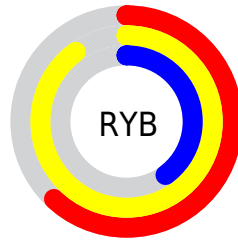
The Yxy color **54.5895, 0.4171, 0.4264** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **27.5367, 0.2156, 0.2034**, and the grayscale version is **52.8437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5046, 0.3754, 0.4199**, and **26.8923, 0.4405, 0.4464** is the 20% darker color. If you saturate the color by 10%, you get **51.1873, 0.4370, 0.4393**, and if you desaturate by 10%, it is **58.2743, 0.3966, 0.4107**.

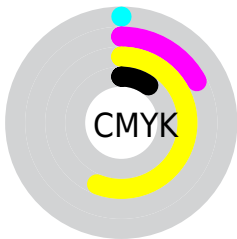
Distribution



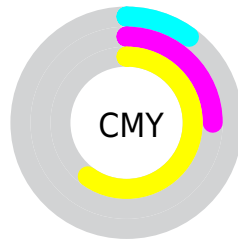
- Red (90%)
- Green (75%)
- Blue (40%)



- Red (62%)
- Yellow (90%)
- Blue (40%)



- Cyan (0%)
- Magenta (17%)
- Yellow (56%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5895, 0.4171, 0.4264 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 54.5895, 0.4171, 0.4264 by changing the saturation by 10% instead.


 54.5895, 0.4171,
0.4264


 54.5895, 0.4171,
0.4264


404.3540, 0.3683,
0.3818

 39.0732, 0.4277,
0.4358


 96.9392, 0.4004,
0.4114


 26.8166, 0.4403,
0.4467


 124.5414, 0.3938,
0.4054

 17.4356, 0.4552,
0.4592


 156.9410, 0.3881,
0.4002

 10.5455, 0.4723,
0.4729

 194.5225, 0.3831,
0.3956

 5.7621, 0.5024,
0.4976

237.6701, 0.3787,
0.3915

 2.7010, 0.5067,
0.4933

286.7682, 0.3749,

 0.9777, 0.5144,

0.3879

0.4856

342.2014, 0.3714,
0.3847

0.0000, 0.0000,
0.0000

54.5895, 0.4171,
0.4264

54.5895, 0.4171,
0.4264

51.1873, 0.4370,
0.4393

58.2743, 0.3966,
0.4107

48.0470, 0.4554,
0.4484

62.2457, 0.3763,
0.3932

45.1563, 0.4712,
0.4526

66.5168, 0.3569,
0.3751

42.4973, 0.4838,
0.4518

71.0977, 0.3387,
0.3569

41.5088, 0.4882,
0.4506

75.9976, 0.3221,
0.3393

■ 81.2255, 0.3070,
0.3226

■ 86.3293, 0.2974,
0.3138

■ 90.6113, 0.2975,
0.3210

■ 95.0602, 0.2976,
0.3282

Harmonies

Analogous

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



54.5895, 0.4436, 0.3819



54.5895, 0.4171, 0.4264



54.5895, 0.3637, 0.4499

Triad

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



54.5895, 0.4171, 0.4264



54.5895, 0.2063, 0.3081



54.5895, 0.3149, 0.2485

Complementary

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



54.5895, 0.4171, 0.4264



27.5367, 0.2156, 0.2034

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.



54.5895, 0.2538, 0.2290



54.5895, 0.4171, 0.4264



54.5895, 0.1966, 0.2564

Square

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



54.5895, 0.4171, 0.4264



54.5895, 0.2425, 0.3765



54.5895, 0.2128, 0.2305



54.5895, 0.3820, 0.2849

Rectangle

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



54.5895, 0.4171, 0.4264



54.5895, 0.3212, 0.4440



54.5895, 0.2128, 0.2305



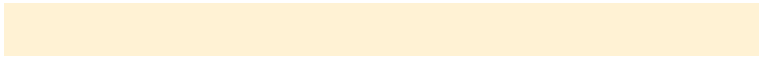
54.5895, 0.2929, 0.2399

Sweetspot

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



54.5921, 0.4171, 0.4264



89.2353, 0.3405, 0.3587



28.0828, 0.4260, 0.2837



18.8446, 0.3441, 0.3624



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.



54.5921, 0.4171, 0.4264



64.1480, 0.4395, 0.4407



70.7140, 0.3749, 0.4717



16.0233, 0.3275, 0.3452



23.7241, 0.4869, 0.4516



1.9166, 0.4746, 0.4614

Inverse Universe

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



27.5367, 0.2156, 0.2034



27.0430, 0.1968, 0.1734



19.3572, 0.2208, 0.1563



14.6127, 0.2981, 0.3123



6.0015, 0.1618, 0.1026



0.6042, 0.1699, 0.1316

Previews

White Background



This preview shows how the Yxy color 54.5895, 0.4171, 0.4264 looks on a white background.

Color Contrast Check

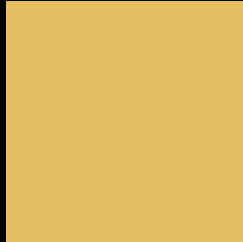
Large Text (above 18pt) WCAG AA × Fail

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 54.5895, 0.4171, 0.4264 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 54.5895, 0.4171, 0.4264

Background



This preview shows how black text looks on a background with the Yxy color 54.5895, 0.4171, 0.4264.



This preview shows how white text looks on a background with the Yxy color 54.5895, 0.4171, 0.4264.

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

54.5895, 0.4171, 0.4264

Protanopia

54.4566, 0.3994, 0.4351

Deuteranopia

54.6024, 0.4278, 0.4179



Tritanopia

54.6699, 0.3525, 0.3148

Trichromacy



Original Color

54.5895, 0.4171, 0.4264

Protanomaly

54.3149, 0.4057, 0.4322

Deuteranomaly

54.3328, 0.4236, 0.4203

Tritanomaly

54.4812, 0.3775, 0.3562

Monochromacy



Original Color

54.5895, 0.4171, 0.4264

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8866, 0.3506, 0.3683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5895, 0.4171, 0.4264 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, 190, 101)` looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 101)  
}
```

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, 190, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 101) }
```

Border

The CSS property to change the border of an element to Yxy 54.5895, 0.4171, 0.4264 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, 190, 101) }
```

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

```
.border{ border-color:rgb(230, 190, 101) }
```

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

Here you see how a box with a 4 pixel rgb(230, 190, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 190, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 190, 101);  
box-shadow:4px 4px 4px 4px rgb(230, 190,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5895, 0.4171, 0.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 101) }
```

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

```
.background{ background-color: rgb(230,  
190, 101) }
```

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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