

Converting Colors

Yxy(54.4443, 0.4248, 0.4841)

Have a look what the booklet for
Yxy(54.4443, 0.4248, 0.4841)
contains.

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Color

Yxy(54.5596, 0.4242, 0.4844)

Conversions

Conversions Part 1

Format	Color
Hex	D4C62B
RGB	212, 198, 43
RGB Percent	83%, 78%, 17%
CMY	0.1687, 0.2235, 0.8315
CMYK	0.00, 0.07, 0.80, 0.17
HSL	55°, 66%, 50%
HSV	55°, 80%, 83%
XYZ	47.7791, 54.5596, 10.2947
YIQ	184.5160, 58.0990, -45.2370

Conversions

Conversions Part 2

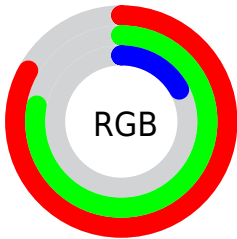
Format	Color
RYB	58, 212, 43
Decimal	13944363
CIELab	78.79, -11.00, 72.31
CIELCh	79, 73.145, 98.652
Yxy	54.5596, 0.4242, 0.4844
Android (android.graphics.Color)	4292134443 (0xFFD4C62B)
YUV	184.5160, -69.7674, 24.1035
Hunter-Lab	73.8645, -13.8005, 43.4417

Details

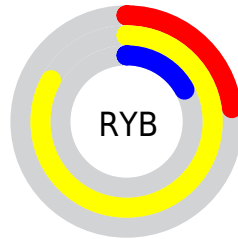
The Yxy color **54.5596, 0.4242, 0.4844** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **8.1873, 0.1674, 0.0956**, and the grayscale version is **48.6023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1229, 0.3979, 0.4682**, and **27.0231, 0.4286, 0.4979** is the 20% darker color. If you saturate the color by 10%, you get **53.6479, 0.4306, 0.4906**, and if you desaturate by 10%, it is **55.5665, 0.4151, 0.4738**.

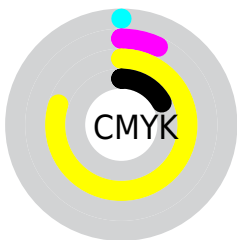
Distribution



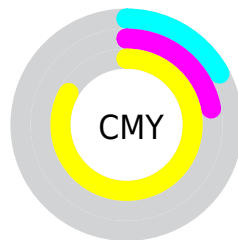
- Red (83%)
- Green (78%)
- Blue (17%)



- Red (23%)
- Yellow (83%)
- Blue (17%)



- Cyan (0%)
- Magenta (7%)
- Yellow (80%)
- Black (17%)




- Cyan (17%)
- Magenta (22%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5596, 0.4242, 0.4844 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 54.5596, 0.4242, 0.4844 by changing the saturation by 10% instead.


 54.5596, 0.4242,
0.4844


 54.5596, 0.4242,
0.4844


404.2404, 0.3775,
0.4141


 39.0492, 0.4319,
0.4981


 96.8954, 0.4100,
0.4615


 26.7980, 0.4395,
0.5132


 124.4896, 0.4039,
0.4521

 17.4216, 0.4458,
0.5291


 156.8806, 0.3983,
0.4438

 10.5355, 0.4517,
0.5483

 194.4527, 0.3933,
0.4364

 5.7555, 0.4435,
0.5565

 237.5903, 0.3887,
0.4299

 2.6970, 0.4306,
0.5694

 286.6779, 0.3846,

 0.9756, 0.4020,

0.4241

0.5980

342.0998, 0.3809,
0.4189

■ 0.0000, 0.0000,
0.0000

■ 54.5596, 0.4242,
0.4844

■ 54.5596, 0.4242,
0.4844

■ 53.6479, 0.4306,
0.4906

■ 55.5665, 0.4151,
0.4738

■ 52.8043, 0.4346,
0.4930

■ 56.6718, 0.4034,
0.4590

■ 52.7819, 0.4347,
0.4930

■ 57.8875, 0.3898,
0.4407

■ 59.2219, 0.3747,
0.4198

■ 60.6821, 0.3589,
0.3973

■ 62.2751, 0.3430,
0.3740

■ 64.0069, 0.3273,
0.3509

■ 65.8834, 0.3123,
0.3284

■ 67.9100, 0.2982,
0.3071

Harmonies

Analogous

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



54.5596, 0.4858, 0.4229



54.5596, 0.4242, 0.4844



54.5596, 0.3388, 0.5087

Triad

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



54.5596, 0.4242, 0.4844



54.5596, 0.1557, 0.2573



54.5596, 0.3576, 0.2369

Complementary

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



54.5596, 0.4242, 0.4844



8.1873, 0.1674, 0.0956

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.



54.5596, 0.2622, 0.2007



54.5596, 0.4242, 0.4844



54.5596, 0.1593, 0.2052

Square

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



54.5596, 0.4242, 0.4844



54.5596, 0.1857, 0.3504



54.5596, 0.1943, 0.1888



54.5596, 0.4514, 0.2913

Rectangle

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



54.5596, 0.4242, 0.4844



54.5596, 0.2792, 0.4832



54.5596, 0.1943, 0.1888



54.5596, 0.3239, 0.2224

Sweetspot

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



54.5622, 0.4242, 0.4844



93.4785, 0.3502, 0.3846



16.0171, 0.5725, 0.3189



19.8239, 0.3559, 0.3929



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.



54.5622, 0.4242, 0.4844



80.5560, 0.4336, 0.4924



52.9688, 0.3552, 0.5367



14.3360, 0.3268, 0.3502



32.6595, 0.4345, 0.4932



2.0229, 0.4316, 0.4955

Inverse Universe

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



8.1873, 0.1674, 0.0956



8.2373, 0.1528, 0.0675



10.0154, 0.2113, 0.1079



12.1721, 0.2981, 0.3069



3.2522, 0.1516, 0.0658



0.2548, 0.1563, 0.0828

Previews

White Background



This preview shows how the Yxy color 54.5596, 0.4242, 0.4844 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 54.5596, 0.4242, 0.4844 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 54.5596, 0.4242, 0.4844

Background



This preview shows how black text looks on a background with the Yxy color 54.5596, 0.4242, 0.4844.



This preview shows how white text looks on a background with the Yxy color 54.5596, 0.4242, 0.4844.

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

54.5596, 0.4242, 0.4844

Protanopia

54.2574, 0.4331, 0.4781

Deuteranopia

54.3407, 0.4613, 0.4510



Tritanopia

54.2518, 0.3347, 0.3120

Trichromacy



Original Color

54.5596, 0.4242, 0.4844

Protanomaly

54.2460, 0.4296, 0.4808

Deuteranomaly

54.3558, 0.4478, 0.4634

Tritanomaly

53.5638, 0.3775, 0.3845

Monochromacy



Original Color

54.5596, 0.4242, 0.4844

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.1225, 0.3619, 0.4018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5596, 0.4242, 0.4844 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(212, 198, 43)` looks like.

```
.text, #text, p{  
    color:rgb(212, 198, 43)  
}
```

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(212, 198, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 198, 43) }
```

Border

The CSS property to change the border of an element to Yxy 54.5596, 0.4242, 0.4844 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(212, 198, 43) }
```

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

```
.border{ border-color:rgb(212, 198, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 198, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 198, 43); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 198, 43); box-shadow:4px 4px 4px 4px rgb(212, 198, 43) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5596, 0.4242, 0.4844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 198, 43) }
```

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

```
.background{ background-color: rgb(212,  
198, 43) }
```

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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