

Converting Colors

Yxy(58.9649, 0.3936, 0.4489)

Have a look what the booklet for
Yxy(58.9649, 0.3936, 0.4489)
contains.

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Color

Yxy(58.7289, 0.3938, 0.4484)

Conversions

Conversions Part 1

Format	Color
Hex	D5CD64
RGB	213, 205, 100
RGB Percent	84%, 80%, 39%
CMY	0.1646, 0.1961, 0.6079
CMYK	0.00, 0.04, 0.53, 0.16
HSL	56°, 57%, 61%
HSV	56°, 53%, 84%
XYZ	51.5777, 58.7289, 20.6678
YIQ	195.4220, 38.4730, -30.9590

Conversions

Conversions Part 2

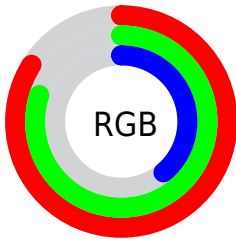
Format	Color
RYB	109, 213, 100
Decimal	14011748
CIELab	81.14, -10.89, 52.55
CIELCh	81, 53.662, 101.707
Yxy	58.7289, 0.3938, 0.4484
Android (android.graphics.Color)	4292201828 (0xFFD5CD64)
YUV	195.4220, -47.0430, 15.4159
Hunter-Lab	76.6348, -13.9746, 37.6543

Details

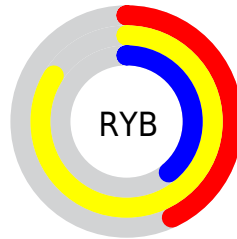
The Yxy color **58.7289, 0.3938, 0.4484** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.2411, 0.2132, 0.1718**, and the grayscale version is **55.1097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1131, 0.3723, 0.4275**, and **29.4145, 0.4091, 0.4755** is the 20% darker color. If you saturate the color by 10%, you get **57.6511, 0.4065, 0.4657**, and if you desaturate by 10%, it is **59.9270, 0.3794, 0.4281**.

Distribution



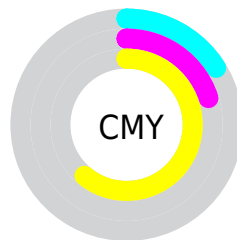
- Red (84%)
- Green (80%)
- Blue (39%)



- Red (43%)
- Yellow (84%)
- Blue (39%)



- Cyan (0%)
- Magenta (4%)
- Yellow (53%)
- Black (16%)




- Cyan (16%)
- Magenta (20%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7289, 0.3938, 0.4484 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 58.7289, 0.3938, 0.4484 by changing the saturation by 10% instead.


 58.7289, 0.3938,
0.4484

 58.7289, 0.3938,
0.4484


419.8965, 0.3577,
0.3920

 42.3949, 0.4011,
0.4609


 102.9835, 0.3819,
0.4290


 29.4107, 0.4094,
0.4759


 131.6730, 0.3771,
0.4213

 19.3917, 0.4185,
0.4940


 165.2497, 0.3728,
0.4147

 11.9536, 0.4277,
0.5153

 204.0982, 0.3690,
0.4090

 6.7121, 0.4433,
0.5502

248.6027, 0.3657,
0.4039

 3.2827, 0.4348,
0.5652

299.1476, 0.3627,

 1.2811, 0.4149,

0.3995

0.5851

356.1174, 0.3601,
0.3955

0.1265, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.7289, 0.3938,
0.4484

58.7289, 0.3938,
0.4484

57.6511, 0.4065,
0.4657

59.9270, 0.3794,
0.4281

56.6767, 0.4170,
0.4793


61.2449, 0.3640,
0.4058


55.7987, 0.4249,
0.4885


62.6923, 0.3482,
0.3824

55.0050, 0.4301,
0.4934


64.2757, 0.3324,
0.3589


 54.4902, 0.4324,
0.4948

 66.0010, 0.3172,
0.3359

 67.8738, 0.3028,
0.3138

 69.8996, 0.2894,
0.2931

 71.0511, 0.2859,
0.2888

 71.8355, 0.2860,
0.2905

Harmonies

Analogous

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



58.7289, 0.4391, 0.4104



58.7289, 0.3938, 0.4484



58.7289, 0.3296, 0.4531

Triad

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



58.7289, 0.3938, 0.4484



58.7289, 0.1927, 0.2742



58.7289, 0.3537, 0.2637

Complementary

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



58.7289, 0.3938, 0.4484



18.2411, 0.2132, 0.1718

Split Complementary

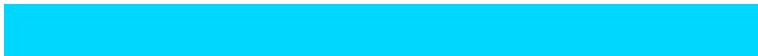
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.7289, 0.2834, 0.2333



58.7289, 0.3938, 0.4484



58.7289, 0.1975, 0.2350

Square

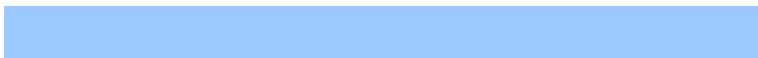
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.7289, 0.3938, 0.4484



58.7289, 0.2154, 0.3389



58.7289, 0.2284, 0.2225



58.7289, 0.4176, 0.3082

Rectangle

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



58.7289, 0.3938, 0.4484



58.7289, 0.2851, 0.4296



58.7289, 0.2284, 0.2225



58.7289, 0.3296, 0.2516

Sweetspot

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



58.7316, 0.3938, 0.4484



95.8096, 0.3373, 0.3662



24.3736, 0.4541, 0.3181



20.4005, 0.3405, 0.3711



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.



58.7316, 0.3938, 0.4484



86.3727, 0.4083, 0.4682



56.6221, 0.3507, 0.4750



14.3618, 0.3268, 0.3504



33.3380, 0.4322, 0.4950



2.0570, 0.4298, 0.4970

Inverse Universe

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



18.2411, 0.2132, 0.1718



19.2644, 0.1905, 0.1343



20.1266, 0.2508, 0.1764



12.1490, 0.2981, 0.3066



3.2009, 0.1514, 0.0649



0.2439, 0.1555, 0.0797

Previews

White Background



This preview shows how the Yxy color 58.7289, 0.3938, 0.4484 looks on a white background.

Color Contrast Check

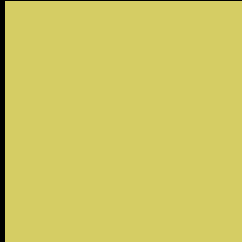
Large Text (above 18pt) WCAG AA × Fail

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 58.7289, 0.3938, 0.4484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

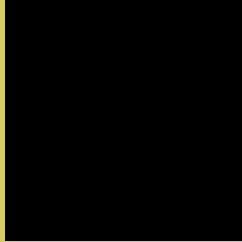
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7289, 0.3938, 0.4484

Background



This preview shows how black text looks on a background with the Yxy color 58.7289, 0.3938, 0.4484.



This preview shows how white text looks on a background with the Yxy color 58.7289, 0.3938, 0.4484.

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

58.7289, 0.3938, 0.4484

Protanopia

58.8299, 0.4047, 0.4425

Deuteranopia

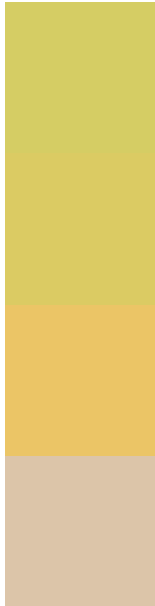
58.4527, 0.4289, 0.4203



Tritanopia

58.5413, 0.3264, 0.3122

Trichromacy



Original Color

58.7289, 0.3938, 0.4484

Protanomaly

58.6728, 0.4006, 0.4450

Deuteranomaly

58.5540, 0.4162, 0.4303

Tritanomaly

58.0127, 0.3531, 0.3617

Monochromacy



Original Color

58.7289, 0.3938, 0.4484

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.9415, 0.3444, 0.3769

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7289, 0.3938, 0.4484 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(213, 205, 100)` looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 100)  
}
```

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(213, 205, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 100) }
```

Border

The CSS property to change the border of an element to Yxy 58.7289, 0.3938, 0.4484 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(213, 205, 100) }
```

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

```
.border{ border-color:rgb(213, 205, 100) }
```

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

Here you see how a box with a 4 pixel rgb(213, 205, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 100);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7289, 0.3938, 0.4484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 100) }
```

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

```
.background{ background-color: rgb(213,  
205, 100) }
```

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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