

Converting Colors

Yxy(58.7362, 0.3553, 0.4240)

Have a look what the booklet for
Yxy(58.7362, 0.3553, 0.4240)
contains.

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Color

Yxy(58.7362, 0.3553, 0.4240)

Conversions

Conversions Part 1

Format	Color
Hex	C2D184
RGB	194, 209, 132
RGB Percent	76%, 82%, 52%
CMY	0.2391, 0.1804, 0.4823
CMYK	0.07, 0.00, 0.37, 0.18
HSL	72°, 46%, 67%
HSV	72°, 37%, 82%
XYZ	49.2193, 58.7362, 30.5733
YIQ	195.7370, 15.7770, -27.1270

Conversions

Conversions Part 2

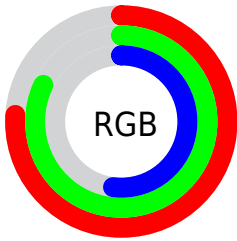
Format	Color
RYB	132, 209, 147
Decimal	12767620
CIELab	81.15, -17.22, 36.53
CIELCh	81, 40.383, 115.239
Yxy	58.7362, 0.3553, 0.4240
Android (android.graphics.Color)	4290957700 (0xFFC2D184)
YUV	195.7370, -31.4223, -1.5233
Hunter-Lab	76.6395, -19.4833, 29.9955

Details

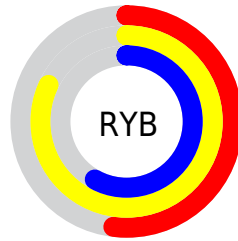
The Yxy color **58.7362, 0.3553, 0.4240** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.3070, 0.2584, 0.2220**, and the grayscale version is **55.2249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5744, 0.3511, 0.3975**, and **29.5257, 0.3636, 0.4500** is the 20% darker color. If you saturate the color by 10%, you get **57.6924, 0.3655, 0.4496**, and if you desaturate by 10%, it is **59.9146, 0.3441, 0.3976**.

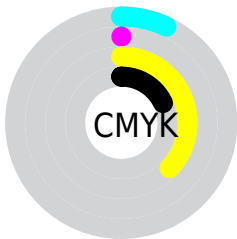
Distribution



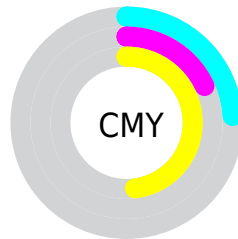
- Red (76%)
- Green (82%)
- Blue (52%)



- Red (52%)
- Yellow (82%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (37%)
- Black (18%)




- Cyan (24%)
- Magenta (18%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7362, 0.3553, 0.4240 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 58.7362, 0.3553, 0.4240 by changing the saturation by 10% instead.


 58.7362, 0.3553,
0.4240


 58.7362, 0.3553,
0.4240


419.9236, 0.3362,
0.3773

 42.4008, 0.3593,
0.4352


 102.9942, 0.3489,
0.4073

 29.4153, 0.3640,
0.4493


 131.6855, 0.3463,
0.4010

 19.3952, 0.3695,
0.4673

 165.2643, 0.3441,
0.3956

 11.9562, 0.3756,
0.4911

204.1149, 0.3421,
0.3909

 6.7138, 0.3814,
0.5234

248.6218, 0.3404,
0.3869

 3.2838, 0.4032,
0.5968

299.1692, 0.3388,

 1.2816, 0.3699,

0.3833

0.6301

356.1417, 0.3374,
0.3801

0.1269, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.7362, 0.3553,
0.4240

58.7362, 0.3553,
0.4240

57.6924, 0.3655,
0.4496

59.9146, 0.3441,
0.3976

56.7683, 0.3741,
0.4732

61.2260, 0.3324,
0.3713

55.9588, 0.3807,
0.4939


62.6792, 0.3206,
0.3457


55.2551, 0.3849,
0.5106


64.2797, 0.3091,
0.3215

 54.6471, 0.3865,
0.5228

 66.0327, 0.2981,
0.2989

 54.1215, 0.3856,
0.5305

 67.7876, 0.2892,
0.2805

 53.9650, 0.3851,
0.5325

 68.4232, 0.2919,
0.2809

 69.0743, 0.2947,
0.2813

 69.7409, 0.2976,
0.2817

Harmonies

Analogous

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



58.7362, 0.3972, 0.4080



58.7362, 0.3553, 0.4240



58.7362, 0.3040, 0.4097

Triad

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



58.7362, 0.3553, 0.4240



58.7362, 0.2183, 0.2721



58.7362, 0.3674, 0.2935

Complementary

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



58.7362, 0.3553, 0.4240



27.3070, 0.2584, 0.2220

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.



58.7362, 0.3146, 0.2634



58.7362, 0.3553, 0.4240



58.7362, 0.2317, 0.2497

Square

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



58.7362, 0.3553, 0.4240



58.7362, 0.2271, 0.3142



58.7362, 0.2655, 0.2475



58.7362, 0.4061, 0.3325

Rectangle

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



58.7362, 0.3553, 0.4240



58.7362, 0.2716, 0.3833



58.7362, 0.2655, 0.2475



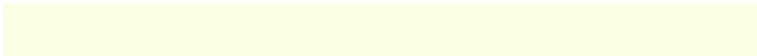
58.7362, 0.3504, 0.2822

Sweetspot

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



58.7388, 0.3553, 0.4240



97.3038, 0.3257, 0.3565



35.8154, 0.3950, 0.3472



20.7601, 0.3273, 0.3600



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.



58.7388, 0.3553, 0.4240



90.8527, 0.3632, 0.4437



54.3718, 0.3252, 0.4339



13.6767, 0.3236, 0.3522



33.3157, 0.3856, 0.5320



1.8933, 0.3921, 0.5269

Inverse Universe

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



27.3070, 0.2584, 0.2220



34.7625, 0.2444, 0.1963



31.3733, 0.2932, 0.2318



11.5267, 0.3012, 0.3052



3.1570, 0.1598, 0.0654



0.2099, 0.1772, 0.0750

Previews

White Background



This preview shows how the Yxy color 58.7362, 0.3553, 0.4240 looks on a white background.

Color Contrast Check

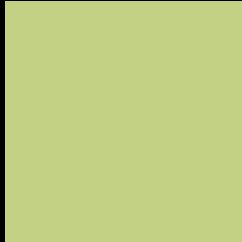
Large Text (above 18pt) WCAG AA × Fail

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 58.7362, 0.3553, 0.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

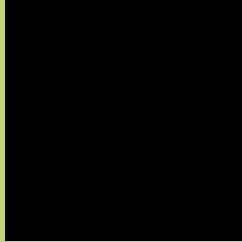
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7362, 0.3553, 0.4240

Background



This preview shows how black text looks on a background with the Yxy color 58.7362, 0.3553, 0.4240.



This preview shows how white text looks on a background with the Yxy color 58.7362, 0.3553, 0.4240.

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

58.7362, 0.3553, 0.4240

Protanopia

58.4183, 0.3816, 0.4123

Deuteranopia

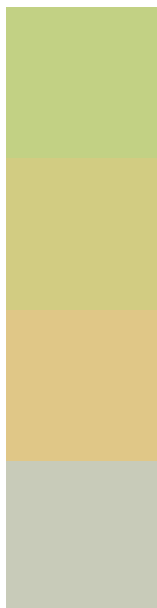
58.6183, 0.3990, 0.3911



Tritanopia

58.5905, 0.3051, 0.3104

Trichromacy



Original Color

58.7362, 0.3553, 0.4240

Protanomaly

58.4991, 0.3719, 0.4168

Deuteranomaly

58.4434, 0.3823, 0.4023

Tritanomaly

58.4940, 0.3234, 0.3507

Monochromacy



Original Color

58.7362, 0.3553, 0.4240

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.3925, 0.3285, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7362, 0.3553, 0.4240 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(194, 209, 132)` looks like.

```
.text, #text, p{  
    color:rgb(194, 209, 132)  
}
```

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(194, 209, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 209, 132) }
```

Border

The CSS property to change the border of an element to Yxy 58.7362, 0.3553, 0.4240 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(194, 209, 132) }
```

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

```
.border{ border-color:rgb(194, 209, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 209, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 209, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 209, 132);  
box-shadow:4px 4px 4px 4px rgb(194, 209,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7362, 0.3553, 0.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 209, 132) }
```

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

```
.background{ background-color: rgb(194,  
209, 132) }
```

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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