

Converting Colors

Yxy(54.9284, 0.3301, 0.3638)

Have a look what the booklet for
Yxy(54.9284, 0.3301, 0.3638)
contains.

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Color

Yxy(54.7598, 0.3304, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	C2C6AA
RGB	194, 198, 170
RGB Percent	76%, 78%, 67%
CMY	0.2390, 0.2236, 0.3334
CMYK	0.02, 0.00, 0.14, 0.22
HSL	68°, 20%, 72%
HSV	68°, 14%, 78%
XYZ	49.7050, 54.7598, 45.9742
YIQ	193.6120, 6.6040, -9.5560

Conversions

Conversions Part 2

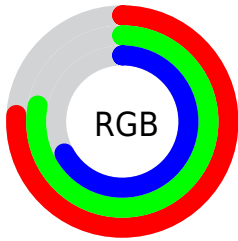
Format	Color
RYB	170, 198, 174
Decimal	12764842
CIELab	78.90, -6.23, 13.58
CIELCh	79, 14.944, 114.644
Yxy	54.7598, 0.3304, 0.3640
Android (android.graphics.Color)	4290954922 (0xFFC2C6AA)
YUV	193.6120, -11.6407, 0.3403
Hunter-Lab	73.9999, -9.6029, 14.9646

Details

The Yxy color **54.7598, 0.3304, 0.3640** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8142, 0.2936, 0.2922**, and the grayscale version is **53.7788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4655, 0.3278, 0.3584**, and **26.8300, 0.3344, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **53.7022, 0.3430, 0.3898**, and if you desaturate by 10%, it is **55.9420, 0.3178, 0.3390**.

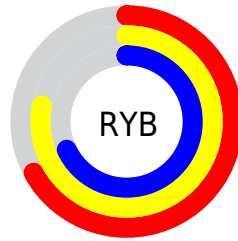
Distribution



Red (76%)

Green (78%)

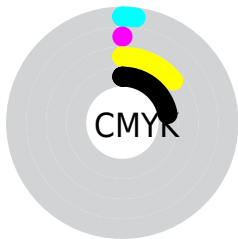
Blue (67%)



Red (67%)

Yellow (78%)

Blue (68%)

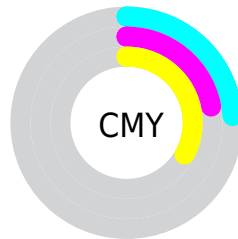


Cyan (2%)

Magenta (0%)

Yellow (14%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7598, 0.3304, 0.3640 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 54.7598, 0.3304, 0.3640 by changing the saturation by 10% instead.

 54.7598, 0.3304,
0.3640

 54.7598, 0.3304,
0.3640


405.0008, 0.3219,
0.3468

 39.2094, 0.3324,
0.3682


 97.1889, 0.3274,
0.3578

 26.9227, 0.3349,
0.3736


124.8365, 0.3262,
0.3554

 17.5152, 0.3382,
0.3807


157.2853, 0.3253,
0.3535

 10.6025, 0.3425,
0.3904

194.9196, 0.3244,
0.3517

 5.8002, 0.3485,
0.4045

238.1239, 0.3237,
0.3502

 2.7240, 0.3574,
0.4269

287.2827, 0.3230,

 0.9894, 0.4135,

0.3489

0.5214

342.7801, 0.3224,
0.3478

0.0000, 0.0000,
0.0000

54.7598, 0.3304,
0.3640

54.7598, 0.3304,
0.3640

53.7022, 0.3430,
0.3898

55.9420, 0.3178,
0.3390

52.7570, 0.3553,
0.4157

57.2463, 0.3056,
0.3153

51.9210, 0.3668,
0.4408

58.6797, 0.2940,
0.2931

51.1884, 0.3769,
0.4641

60.2464, 0.2832,
0.2727

50.5527, 0.3851,
0.4846

61.0165, 0.2815,
0.2673

■ 50.0065, 0.3909,
0.5013

■ 61.4250, 0.2834,
0.2676

■ 49.5414, 0.3942,
0.5137

■ 61.8407, 0.2854,
0.2680

■ 49.1473, 0.3949,
0.5217

■ 62.2635, 0.2873,
0.2683

■ 48.9382, 0.3945,
0.5249

■ 62.6936, 0.2893,
0.2687

Harmonies

Analogous

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



54.7598, 0.3456, 0.3599



54.7598, 0.3304, 0.3640



54.7598, 0.3108, 0.3580

Triad

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



54.7598, 0.3304, 0.3640



54.7598, 0.2750, 0.3084



54.7598, 0.3332, 0.3150

Complementary

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



54.7598, 0.3304, 0.3640



41.8142, 0.2936, 0.2922

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.



54.7598, 0.3137, 0.3022



54.7598, 0.3304, 0.3640



54.7598, 0.2805, 0.2981

Square

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



54.7598, 0.3304, 0.3640



54.7598, 0.2791, 0.3250



54.7598, 0.2945, 0.2961



54.7598, 0.3474, 0.3314

Rectangle

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



54.7598, 0.3304, 0.3640



54.7598, 0.2979, 0.3490



54.7598, 0.2945, 0.2961



54.7598, 0.3271, 0.3101

Sweetspot

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



54.7622, 0.3304, 0.3640



99.0885, 0.3177, 0.3388



45.0721, 0.3379, 0.3338



21.1732, 0.3187, 0.3407



0.0000, 0.0000, 0.0000



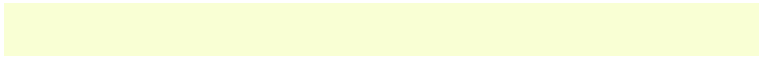
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.7622, 0.3304, 0.3640



96.3743, 0.3343, 0.3720



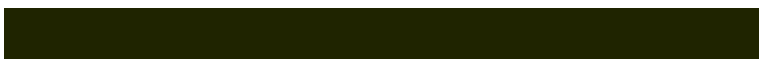
53.0214, 0.3191, 0.3652



12.3383, 0.3244, 0.3520



31.8562, 0.3949, 0.5247



1.5298, 0.4003, 0.5204

Inverse Universe

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



41.8142, 0.2936, 0.2922



69.0015, 0.2888, 0.2833



43.4790, 0.3054, 0.2935



10.3581, 0.3004, 0.3053



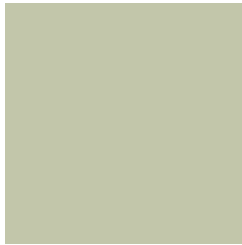
2.8340, 0.1561, 0.0633



0.1580, 0.1720, 0.0721

Previews

White Background



This preview shows how the Yxy color 54.7598, 0.3304, 0.3640 looks on a white background.

Color Contrast Check

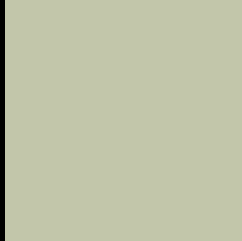
Large Text (above 18pt) WCAG AA × Fail

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 54.7598, 0.3304, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

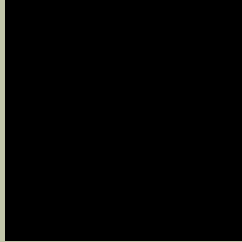
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

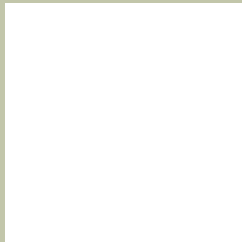
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7598, 0.3304, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 54.7598, 0.3304, 0.3640.



This preview shows how white text looks on a background with the Yxy color 54.7598, 0.3304, 0.3640.

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

54.7598, 0.3304, 0.3640

Protanopia

54.8365, 0.3417, 0.3620

Deuteranopia

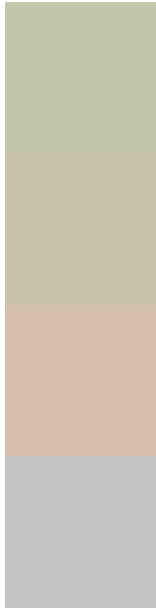
54.4746, 0.3546, 0.3478



Tritanopia

54.8361, 0.3064, 0.3111

Trichromacy



Original Color

54.7598, 0.3304, 0.3640

Protanomaly

54.7619, 0.3373, 0.3623

Deuteranomaly

54.6366, 0.3459, 0.3542

Tritanomaly

54.7956, 0.3151, 0.3302

Monochromacy



Original Color

54.7598, 0.3304, 0.3640

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.0023, 0.3194, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7598, 0.3304, 0.3640 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, 198, 170)` looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 170)  
}
```

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, 198, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 170) }
```

Border

The CSS property to change the border of an element to Yxy 54.7598, 0.3304, 0.3640 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, 198, 170) }
```

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

```
.border{ border-color:rgb(194, 198, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 198, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 170);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7598, 0.3304, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 170) }
```

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

```
.background{ background-color: rgb(194,  
198, 170) }
```

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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