

Converting Colors

Yxy(54.8777, 0.3479, 0.3504)

Have a look what the booklet for
Yxy(54.8777, 0.3479, 0.3504)
contains.

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Color

Yxy(54.8777, 0.3479, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	D8BFAD
RGB	216, 191, 173
RGB Percent	85%, 75%, 68%
CMY	0.1530, 0.2509, 0.3216
CMYK	0.00, 0.12, 0.20, 0.15
HSL	25°, 36%, 76%
HSV	25°, 20%, 85%
XYZ	54.4862, 54.8777, 47.2506
YIQ	196.4230, 20.6780, -0.2980

Conversions

Conversions Part 2

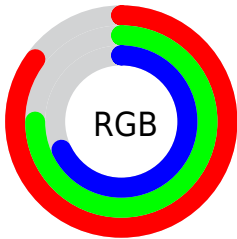
Format	Color
R _Y B	216, 204, 173
Decimal	14204845
CIE Lab	78.97, 6.00, 12.32
CIE LCh	79, 13.706, 64.048
Yxy	54.8777, 0.3479, 0.3504
Android (android.graphics.Color)	4292394925 (0xFFD8BFAD)
YUV	196.4230, -11.5475, 17.1690
Hunter-Lab	74.0795, 1.6493, 14.0383

Details

The Yxy color $54.8777, 0.3479, 0.3504$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.2055, 0.2817, 0.3066$, and the grayscale version is $55.5301, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.3830, 0.3294, 0.3476$, and $27.1345, 0.3572, 0.3558$ is the 20% darker color. If you saturate the color by 10%, you get $48.8721, 0.3698, 0.3618$, and if you desaturate by 10%, it is $61.4918, 0.3289, 0.3393$.

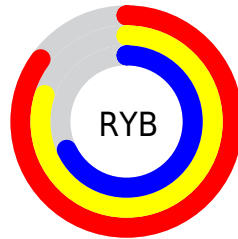
Distribution



Red (85%)

Green (75%)

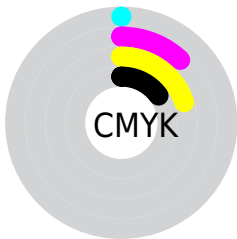
Blue (68%)



Red (85%)

Yellow (80%)

Blue (68%)

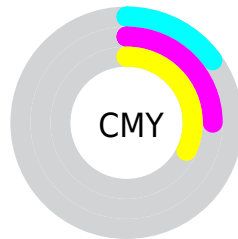


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (25%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8777, 0.3479, 0.3504 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 54.8777, 0.3479, 0.3504 by changing the saturation by 10% instead.


 54.8777, 0.3479,
0.3504

 54.8777, 0.3479,
0.3504


405.4482, 0.3307,
0.3402

 39.3038, 0.3521,
0.3528


 97.3617, 0.3417,
0.3468

 26.9962, 0.3574,
0.3558


125.0407, 0.3394,
0.3454

 17.5703, 0.3643,
0.3597


157.5234, 0.3374,
0.3442

 10.6420, 0.3737,
0.3648

195.1944, 0.3357,
0.3432

 5.8266, 0.3873,
0.3719

238.4380, 0.3342,
0.3423

 2.7399, 0.4083,
0.3821

287.6385, 0.3329,

 0.9975, 0.4782,

0.3415

0.4276

343.1804, 0.3317,
0.3408

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8777, 0.3479,
0.3504

54.8777, 0.3479,
0.3504

48.8721, 0.3698,
0.3618

61.4918, 0.3289,
0.3393

43.4494, 0.3947,
0.3732

68.7244, 0.3126,
0.3289

38.5930, 0.4226,
0.3839

76.5944, 0.2985,
0.3192

34.2824, 0.4528,
0.3928

84.8324, 0.2889,
0.3147

■ 30.4960, 0.4843,
0.3989

■ 92.5219, 0.2894,
0.3276

■ 27.2099, 0.5149,
0.4006

■ 93.3351, 0.2894,
0.3289

■ 24.3980, 0.5425,
0.3972

■ 22.0242, 0.5656,
0.3890

■ 22.0029, 0.5659,
0.3889

Harmonies

Analogous

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



54.8777, 0.3469, 0.3362



54.8777, 0.3479, 0.3504



54.8777, 0.3392, 0.3595

Triad

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



54.8777, 0.3479, 0.3504



54.8777, 0.2893, 0.3371



54.8777, 0.3012, 0.2997

Complementary

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



54.8777, 0.3479, 0.3504



54.2055, 0.2817, 0.3066

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.



54.8777, 0.2864, 0.2992



54.8777, 0.3479, 0.3504



54.8777, 0.2797, 0.3202

Square

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



54.8777, 0.3479, 0.3504



54.8777, 0.3053, 0.3520



54.8777, 0.2787, 0.3065



54.8777, 0.3195, 0.3075

Rectangle

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



54.8777, 0.3479, 0.3504



54.8777, 0.3293, 0.3610



54.8777, 0.2787, 0.3065



54.8777, 0.2957, 0.2987

Sweetspot

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



54.8802, 0.3479, 0.3504



93.5154, 0.3223, 0.3352



48.5591, 0.3299, 0.2997



19.8694, 0.3234, 0.3359



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.



54.8802, 0.3479, 0.3504



76.0508, 0.3570, 0.3553



64.8957, 0.3433, 0.3744



13.2680, 0.3281, 0.3388



13.2296, 0.5632, 0.3910



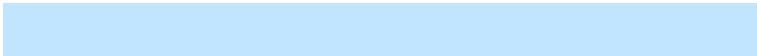
0.9596, 0.5325, 0.4154

Inverse Universe

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



54.2055, 0.2817, 0.3066



74.8884, 0.2749, 0.3011



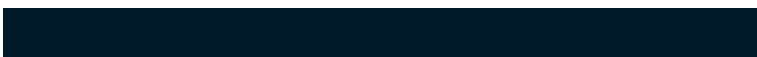
45.1157, 0.2800, 0.2791



13.1945, 0.2982, 0.3190



11.8978, 0.1851, 0.1864



0.8797, 0.1926, 0.2135

Previews

White Background



This preview shows how the Yxy color 54.8777, 0.3479, 0.3504 looks on a white background.

Color Contrast Check

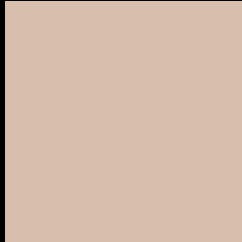
Large Text (above 18pt) WCAG AA × Fail

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 54.8777, 0.3479, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

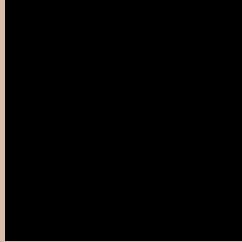
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8777, 0.3479, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 54.8777, 0.3479, 0.3504.



This preview shows how white text looks on a background with the Yxy color 54.8777, 0.3479, 0.3504.

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

54.8777, 0.3479, 0.3504

Protanopia

54.9627, 0.3353, 0.3534

Deuteranopia

55.1003, 0.3544, 0.3477



Tritanopia

54.9733, 0.3293, 0.3130

Trichromacy



Original Color

54.8777, 0.3479, 0.3504

Protanomaly

55.0495, 0.3397, 0.3532

Deuteranomaly

55.0597, 0.3516, 0.3490

Tritanomaly

54.7881, 0.3364, 0.3256

Monochromacy



Original Color

54.8777, 0.3479, 0.3504

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9109, 0.3246, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8777, 0.3479, 0.3504 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(216, 191, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 191, 173)  
}
```

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(216, 191, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 191, 173) }
```

Border

The CSS property to change the border of an element to Yxy 54.8777, 0.3479, 0.3504 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(216, 191, 173) }
```

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

```
.border{ border-color:rgb(216, 191, 173) }
```

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

Here you see how a box with a 4 pixel rgb(216, 191, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(216, 191,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8777, 0.3479, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 191, 173) }
```

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

```
.background{ background-color: rgb(216,  
191, 173) }
```

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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