

Converting Colors

$Yxy(54.2377, 0.3250, 0.3517)$

Have a look what the booklet for
Yxy(54.2377, 0.3250, 0.3517)
contains.

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Color

Yxy(54.1635, 0.3246, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	C2C4B2
RGB	194, 196, 178
RGB Percent	76%, 77%, 70%
CMY	0.2390, 0.2314, 0.3019
CMYK	0.01, 0.00, 0.09, 0.23
HSL	66°, 13%, 73%
HSV	66°, 9%, 77%
XYZ	50.0326, 54.1635, 49.9402
YIQ	193.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

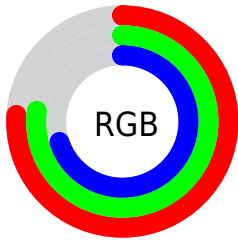
Format	Color
RYB	178, 196, 180
Decimal	12764338
CIELab	78.56, -3.86, 8.79
CIELCh	79, 9.600, 113.696
Yxy	54.1635, 0.3246, 0.3514
Android (android.graphics.Color)	4290954418 (0xFFC2C4B2)
YUV	193.3500, -7.5675, 0.5701
Hunter-Lab	73.5959, -7.4432, 11.2845

Details

The Yxy color **54.1635, 0.3246, 0.3514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5267, 0.3002, 0.3058**, and the grayscale version is **53.5933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7003, 0.3226, 0.3475**, and **26.4021, 0.3277, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **53.1550, 0.3378, 0.3767**, and if you desaturate by 10%, it is **55.2932, 0.3117, 0.3270**.

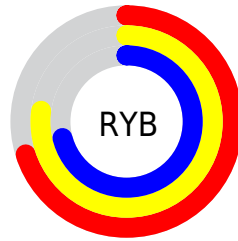
Distribution



Red (76%)

Green (77%)

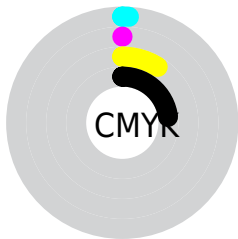
Blue (70%)



Red (70%)

Yellow (77%)

Blue (71%)

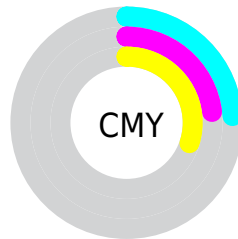


Cyan (1%)

Magenta (0%)

Yellow (9%)

Black (23%)



Cyan (24%)


Magenta (23%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1635, 0.3246, 0.3514 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 54.1635, 0.3246, 0.3514 by changing the saturation by 10% instead.


 54.1635, 0.3246,
0.3514

 54.1635, 0.3246,
0.3514

402.7332, 0.3189,
0.3404

 38.7324, 0.3260,
0.3541


 96.3143, 0.3226,
0.3474

 26.5516, 0.3277,
0.3575

123.8027, 0.3218,
0.3459

 17.2368, 0.3300,
0.3620

156.0791, 0.3211,
0.3447

 10.4034, 0.3331,
0.3682

193.5277, 0.3205,
0.3436

 5.6673, 0.3374,
0.3773

236.5331, 0.3200,
0.3426

 2.6438, 0.3441,
0.3917

285.4795, 0.3196,

 0.9487, 0.3712,

0.3418

0.4368

340.7514, 0.3192,
0.3411

0.0000, 0.0000,
0.0000

54.1635, 0.3246,
0.3514

54.1635, 0.3246,
0.3514

53.1550, 0.3378,
0.3767

55.2932, 0.3117,
0.3270

52.2559, 0.3509,
0.4024

56.5415, 0.2993,
0.3040

51.4635, 0.3634,
0.4276

57.9150, 0.2876,
0.2827

50.7722, 0.3749,
0.4514

59.3270, 0.2776,
0.2644

50.1759, 0.3846,
0.4728

59.6261, 0.2791,
0.2647

■ 49.6681, 0.3923,
0.4908

■ 59.9293, 0.2805,
0.2649

■ 49.2411, 0.3974,
0.5048

■ 60.2366, 0.2820,
0.2652

■ 48.8860, 0.4000,
0.5143

■ 60.5480, 0.2835,
0.2655

■ 48.5872, 0.4003,
0.5199

■ 60.8636, 0.2850,
0.2657

Harmonies

Analogous

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



54.1635, 0.3342, 0.3489



54.1635, 0.3246, 0.3514



54.1635, 0.3120, 0.3477

Triad

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



54.1635, 0.3246, 0.3514



54.1635, 0.2881, 0.3162



54.1635, 0.3256, 0.3196

Complementary

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



54.1635, 0.3246, 0.3514



45.5267, 0.3002, 0.3058

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.



54.1635, 0.3130, 0.3113



54.1635, 0.3246, 0.3514



54.1635, 0.2916, 0.3092

Square

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



54.1635, 0.3246, 0.3514



54.1635, 0.2911, 0.3270



54.1635, 0.3006, 0.3075



54.1635, 0.3348, 0.3304

Rectangle

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



54.1635, 0.3246, 0.3514



54.1635, 0.3036, 0.3421



54.1635, 0.3006, 0.3075



54.1635, 0.3216, 0.3164

Sweetspot

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



54.1659, 0.3246, 0.3514



99.3603, 0.3166, 0.3363



47.5134, 0.3283, 0.3313



21.2313, 0.3177, 0.3383



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.



54.1659, 0.3246, 0.3514



97.7518, 0.3272, 0.3564



53.0300, 0.3174, 0.3519



11.7012, 0.3248, 0.3519



31.2300, 0.4006, 0.5201



1.3655, 0.4051, 0.5166

Inverse Universe

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



45.5267, 0.3002, 0.3058



78.9517, 0.2973, 0.3004



46.6218, 0.3076, 0.3063



9.7990, 0.3000, 0.3053



2.6837, 0.1543, 0.0623



0.1338, 0.1680, 0.0699

Previews

White Background



This preview shows how the Yxy color 54.1635, 0.3246, 0.3514 looks on a white background.

Color Contrast Check

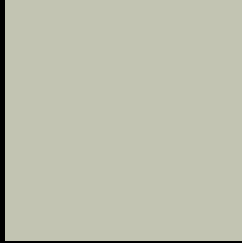
Large Text (above 18pt) WCAG AA × Fail

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 54.1635, 0.3246, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

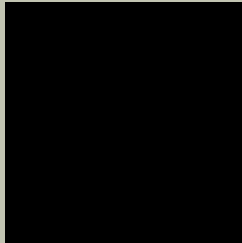
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

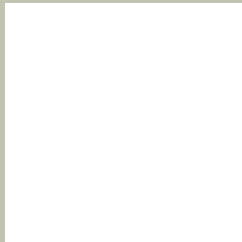
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1635, 0.3246, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 54.1635, 0.3246, 0.3514.



This preview shows how white text looks on a background with the Yxy color 54.1635, 0.3246, 0.3514.

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

54.1635, 0.3246, 0.3514

Protanopia

54.3145, 0.3322, 0.3498

Deuteranopia

53.7414, 0.3447, 0.3373



Tritanopia

54.2100, 0.3064, 0.3110

Trichromacy



Original Color

54.1635, 0.3246, 0.3514

Protanomaly

54.3467, 0.3296, 0.3512

Deuteranomaly

53.6369, 0.3372, 0.3423

Tritanomaly

53.9958, 0.3137, 0.3254

Monochromacy



Original Color

54.1635, 0.3246, 0.3514

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5519, 0.3164, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1635, 0.3246, 0.3514 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, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 178)  
}
```

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, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 178) }
```

Border

The CSS property to change the border of an element to Yxy 54.1635, 0.3246, 0.3514 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, 196, 178) }
```

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

```
.border{ border-color:rgb(194, 196, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1635, 0.3246, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 178) }
```

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

```
.background{ background-color: rgb(194,  
196, 178) }
```

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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