

Converting Colors

Yxy(50.6064, 0.3194, 0.3443)

Have a look what the booklet for
Yxy(50.6064, 0.3194, 0.3443)
contains.

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Color

Yxy(50.6061, 0.3194, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	BBBEB2
RGB	187, 190, 178
RGB Percent	73%, 75%, 70%
CMY	0.2666, 0.2549, 0.3018
CMYK	0.02, 0.00, 0.06, 0.25
HSL	75°, 8%, 72%
HSV	75°, 6%, 75%
XYZ	46.9462, 50.6061, 49.4302
YIQ	187.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

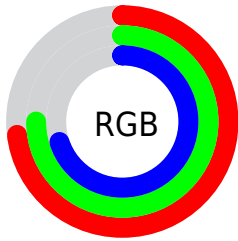
Format	Color
RYB	178, 190, 181
Decimal	12304050
CIELab	76.44, -3.21, 5.67
CIELCh	76, 6.513, 119.532
Yxy	50.6061, 0.3194, 0.3443
Android (android.graphics.Color)	4290494130 (0xFFBBBEB2)
YUV	187.7350, -4.7994, -0.6446
Hunter-Lab	71.1380, -6.6935, 8.5989

Details

The Yxy color **50.6061, 0.3194, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3993, 0.3058, 0.3135**, and the grayscale version is **50.1606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9067, 0.3180, 0.3410**, and **24.4403, 0.3218, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **49.3070, 0.3302, 0.3698**, and if you desaturate by 10%, it is **52.0352, 0.3089, 0.3203**.

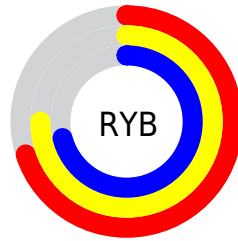
Distribution



Red (73%)

Green (75%)

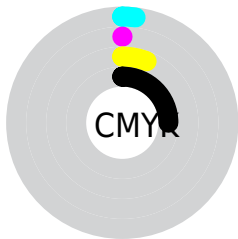
Blue (70%)



Red (70%)

Yellow (75%)

Blue (71%)

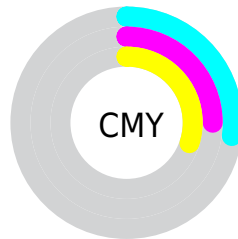


Cyan (2%)

Magenta (0%)

Yellow (6%)

Black (25%)



Cyan (27%)

Magenta (25%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6061, 0.3194, 0.3443 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 50.6061, 0.3194, 0.3443 by changing the saturation by 10% instead.


 50.6061, 0.3194,
0.3443

 50.6061, 0.3194,
0.3443


389.0315, 0.3161,
0.3367

 35.8952, 0.3202,
0.3462


 91.0723, 0.3182,
0.3416

 24.3533, 0.3212,
0.3486


117.5963, 0.3178,
0.3405

 15.5959, 0.3225,
0.3518


148.8269, 0.3174,
0.3396

 9.2387, 0.3244,
0.3562

185.1484, 0.3171,
0.3389

 4.8972, 0.3270,
0.3628

226.9452, 0.3168,
0.3382

 2.1871, 0.3312,
0.3736

274.6017, 0.3165,

 0.7129, 0.3541,

0.3377

0.4213

328.5024, 0.3163,
0.3372

0.0000, 0.0000,
0.0000

50.6061, 0.3194,
0.3443

50.6061, 0.3194,
0.3443

49.3070, 0.3302,
0.3698

52.0352, 0.3089,
0.3203

48.1267, 0.3408,
0.3963

53.5920, 0.2987,
0.2981

47.0628, 0.3510,
0.4231

55.2826, 0.2892,
0.2776

46.1099, 0.3602,
0.4494

57.1110, 0.2802,
0.2591

45.2625, 0.3680,
0.4741

57.8642, 0.2830,
0.2588

■ 44.5145, 0.3737,
0.4961

■ 58.5762, 0.2864,
0.2595

■ 43.8588, 0.3771,
0.5143

■ 59.3091, 0.2898,
0.2602

■ 43.2874, 0.3780,
0.5281

■ 60.0631, 0.2933,
0.2609

■ 42.7900, 0.3765,
0.5372

■ 60.8385, 0.2968,
0.2616

Harmonies

Analogous

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



50.6061, 0.3266, 0.3435



50.6061, 0.3194, 0.3443



50.6061, 0.3105, 0.3409

Triad

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



50.6061, 0.3194, 0.3443



50.6061, 0.2957, 0.3190



50.6061, 0.3232, 0.3239

Complementary

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



50.6061, 0.3194, 0.3443



45.3993, 0.3058, 0.3135

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.



50.6061, 0.3148, 0.3175



50.6061, 0.3194, 0.3443



50.6061, 0.2990, 0.3147

Square

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



50.6061, 0.3194, 0.3443



50.6061, 0.2969, 0.3261



50.6061, 0.3059, 0.3142



50.6061, 0.3288, 0.3316

Rectangle

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



50.6061, 0.3194, 0.3443



50.6061, 0.3048, 0.3367



50.6061, 0.3059, 0.3142



50.6061, 0.3206, 0.3215

Sweetspot

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



50.6083, 0.3194, 0.3443



92.7839, 0.3149, 0.3339



47.2211, 0.3229, 0.3329



20.3802, 0.3148, 0.3336



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.6083, 0.3194, 0.3443



91.2605, 0.3214, 0.3489



49.8697, 0.3144, 0.3445



10.9970, 0.3227, 0.3519



28.3763, 0.3762, 0.5395



1.1407, 0.3870, 0.5309

Inverse Universe

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



45.3993, 0.3058, 0.3135



79.2253, 0.3036, 0.3087



46.1380, 0.3109, 0.3137



9.3377, 0.3022, 0.3056



2.9147, 0.1655, 0.0685



0.1463, 0.1916, 0.0829

Previews

White Background



This preview shows how the Yxy color 50.6061, 0.3194, 0.3443 looks on a white background.

Color Contrast Check

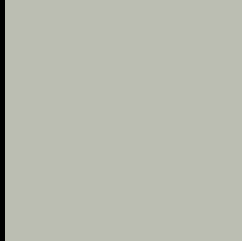
Large Text (above 18pt) WCAG AA × Fail

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 50.6061, 0.3194, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

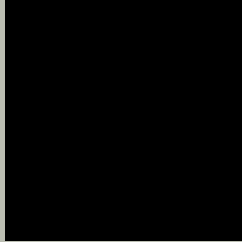
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

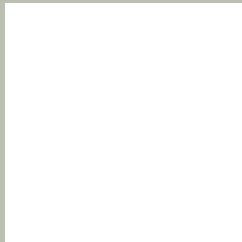
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6061, 0.3194, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 50.6061, 0.3194, 0.3443.



This preview shows how white text looks on a background with the Yxy color 50.6061, 0.3194, 0.3443.

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

50.6061, 0.3194, 0.3443

Protanopia

50.7429, 0.3272, 0.3428

Deuteranopia

50.4528, 0.3387, 0.3315



Tritanopia

50.7048, 0.3046, 0.3117

Trichromacy



Original Color

50.6061, 0.3194, 0.3443

Protanomaly

50.7760, 0.3245, 0.3442

Deuteranomaly

50.5092, 0.3320, 0.3365

Tritanomaly

50.6355, 0.3097, 0.3227

Monochromacy



Original Color

50.6061, 0.3194, 0.3443

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5472, 0.3157, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6061, 0.3194, 0.3443 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(187, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(187, 190, 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(187, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 190, 178) }
```

Border

The CSS property to change the border of an element to Yxy 50.6061, 0.3194, 0.3443 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(187, 190, 178) }
```

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

```
.border{ border-color:rgb(187, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 190, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 190, 178); box-shadow:4px 4px 4px 4px rgb(187, 190, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6061, 0.3194, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 190, 178) }
```

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

```
.background{ background-color: rgb(187,  
190, 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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