

Converting Colors

Yxy(50.6440, 0.3124, 0.3354)

Have a look what the booklet for
Yxy(50.6440, 0.3124, 0.3354)
contains.

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Color

Yxy(50.6440, 0.3124, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	B9BEB9
RGB	185, 190, 185
RGB Percent	73%, 75%, 73%
CMY	0.2746, 0.2548, 0.2746
CMYK	0.03, 0.00, 0.03, 0.25
HSL	120°, 4%, 74%
HSV	120°, 3%, 75%
XYZ	47.1711, 50.6440, 53.1807
YIQ	187.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

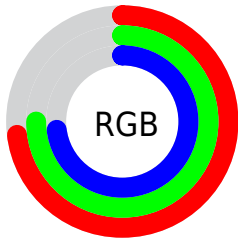
Format	Color
RYB	185, 190, 190
Decimal	12172985
CIELab	76.46, -2.68, 1.91
CIELCh	76, 3.293, 144.471
Yxy	50.6440, 0.3124, 0.3354
Android (android.graphics.Color)	4290363065 (0xFFB9BEB9)
YUV	187.9350, -1.4470, -2.5740
Hunter-Lab	71.1646, -6.2202, 5.5083

Details

The Yxy color `50.6440, 0.3124, 0.3354` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `49.3515, 0.3130, 0.3227`, and the grayscale version is `50.2578, 0.3127, 0.3290`.

A 20% lighter version of the original color is `90.9632, 0.3125, 0.3340`, and `24.4628, 0.3123, 0.3377` is the 20% darker color. If you saturate the color by 10%, you get `47.6923, 0.3111, 0.3617`, and if you desaturate by 10%, it is `54.0223, 0.3135, 0.3125`.

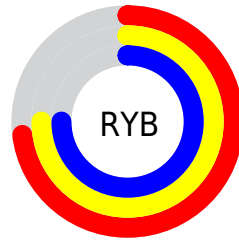
Distribution



Red (73%)

Green (75%)

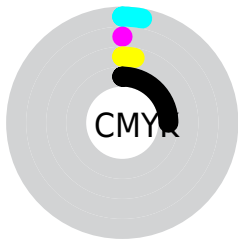
Blue (73%)



Red (73%)

Yellow (75%)

Blue (75%)

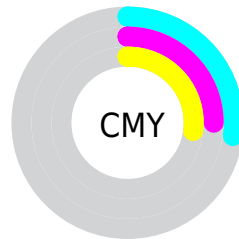


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6440, 0.3124, 0.3354 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 50.6440, 0.3124, 0.3354 by changing the saturation by 10% instead.

■ 50.6440, 0.3124,
0.3354

■ 50.6440, 0.3124,
0.3354

■ 389.1791, 0.3126,
0.3322

■ 35.9254, 0.3124,
0.3362

■ 91.1283, 0.3125,
0.3343

■ 24.3766, 0.3123,
0.3372

■ 117.6628, 0.3125,
0.3338

■ 15.6132, 0.3122,
0.3385

■ 148.9047, 0.3125,
0.3335

■ 9.2509, 0.3121,
0.3403

■ 185.2384, 0.3125,
0.3331

■ 4.9052, 0.3119,
0.3431

■ 227.0483, 0.3125,
0.3329

■ 2.1917, 0.3117,
0.3475

■ 274.7188, 0.3125,

■ 0.7155, 0.3111,

0.3326

0.3622

328.6342, 0.3126,
0.3324

0.0000, 0.0000,
0.0000

50.6440, 0.3124,
0.3354

50.6440, 0.3124,
0.3354

47.6923, 0.3111,
0.3617

54.0223, 0.3135,
0.3125

45.1440, 0.3097,
0.3914

57.8364, 0.3145,
0.2927

42.9837, 0.3081,
0.4241

62.1033, 0.3154,
0.2758

41.1923, 0.3064,
0.4591

65.3135, 0.3157,
0.2654

39.7493, 0.3047,
0.4946

■ 38.6318, 0.3031,
0.5284

■ 37.8148, 0.3018,
0.5577

■ 37.2691, 0.3008,
0.5801

■ 36.9599, 0.3002,
0.5939

Harmonies

Analogous

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



50.6440, 0.3168, 0.3368



50.6440, 0.3124, 0.3354



50.6440, 0.3081, 0.3323

Triad

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



50.6440, 0.3124, 0.3354



50.6440, 0.3053, 0.3220



50.6440, 0.3205, 0.3297

Complementary

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



50.6440, 0.3124, 0.3354



49.3515, 0.3130, 0.3227

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.



50.6440, 0.3174, 0.3258



50.6440, 0.3124, 0.3354



50.6440, 0.3086, 0.3214

Square

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



50.6440, 0.3124, 0.3354



50.6440, 0.3040, 0.3245



50.6440, 0.3130, 0.3228



50.6440, 0.3215, 0.3334

Rectangle

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



50.6440, 0.3124, 0.3354



50.6440, 0.3059, 0.3296



50.6440, 0.3130, 0.3228



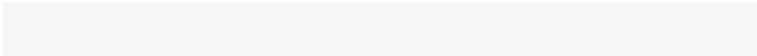
50.6440, 0.3196, 0.3284

Sweetspot

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



50.6462, 0.3124, 0.3354



92.7117, 0.3126, 0.3314



51.2840, 0.3166, 0.3354



20.3652, 0.3126, 0.3313



97.7402, 0.3127, 0.3290



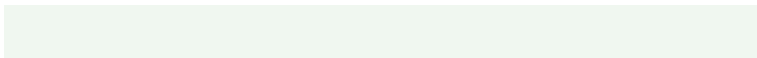
20.4902, 0.3127, 0.3290

Same Dimension

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



50.6462, 0.3124, 0.3354



91.5375, 0.3124, 0.3364



50.7529, 0.3105, 0.3322



11.0187, 0.3123, 0.3381



24.4892, 0.2999, 0.5997



0.9595, 0.2996, 0.5986

Inverse Universe

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



49.3515, 0.3130, 0.3227



88.8518, 0.3131, 0.3217



49.2430, 0.3150, 0.3258



10.6223, 0.3132, 0.3201



9.7305, 0.3219, 0.1547



0.3814, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 50.6440, 0.3124, 0.3354 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 50.6440, 0.3124, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

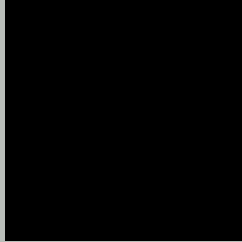
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

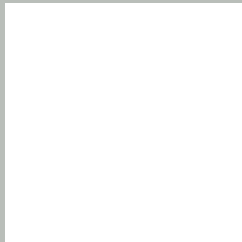
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6440, 0.3124, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 50.6440, 0.3124, 0.3354.



This preview shows how white text looks on a background with the Yxy color 50.6440, 0.3124, 0.3354.

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

50.6440, 0.3124, 0.3354

Protanopia

50.7646, 0.3200, 0.3340

Deuteranopia

50.3092, 0.3302, 0.3230



Tritanopia

50.4963, 0.3022, 0.3104

Trichromacy



Original Color

50.6440, 0.3124, 0.3354

Protanomaly

50.8030, 0.3174, 0.3353

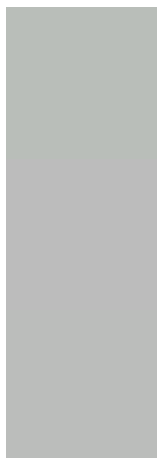
Deuteranomaly

50.3852, 0.3238, 0.3278

Tritanomaly

50.5168, 0.3059, 0.3190

Monochromacy



Original Color

50.6440, 0.3124, 0.3354

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5478, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6440, 0.3124, 0.3354 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(185, 190, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 190, 185)  
}
```

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(185, 190, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 190, 185) }
```

Border

The CSS property to change the border of an element to Yxy 50.6440, 0.3124, 0.3354 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(185, 190, 185) }
```

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

```
.border{ border-color:rgb(185, 190, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 190, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 190, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 190, 185); box-shadow:4px 4px 4px 4px rgb(185, 190, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6440, 0.3124, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 190, 185) }
```

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

```
.background{ background-color: rgb(185,  
190, 185) }
```

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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