

Converting Colors

Yxy(52.2468, 0.3141, 0.3402)

Have a look what the booklet for
Yxy(52.2468, 0.3141, 0.3402)
contains.

Yxy(52.1654, 0.3146, 0.3404)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.1654, 0.3146, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	BBC1B8
RGB	187, 193, 184
RGB Percent	73%, 76%, 72%
CMY	0.2667, 0.2431, 0.2785
CMYK	0.03, 0.00, 0.05, 0.24
HSL	100°, 7%, 74%
HSV	100°, 5%, 76%
XYZ	48.2116, 52.1654, 52.8703
YIQ	190.1800, -0.6870, -4.0710

Conversions

Conversions Part 2

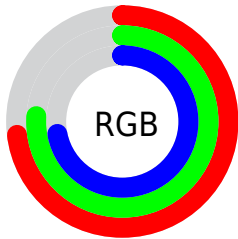
Format	Color
RYB	184, 193, 190
Decimal	12304824
CIELab	77.38, -3.74, 3.80
CIELCh	77, 5.334, 134.549
Yxy	52.1654, 0.3146, 0.3404
Android (android.graphics.Color)	4290494904 (0xFFBBC1B8)
YUV	190.1800, -3.0467, -2.7889
Hunter-Lab	72.2256, -7.2436, 7.1567

Details

The Yxy color **52.1654, 0.3146, 0.3404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0778, 0.3107, 0.3177**, and the grayscale version is **51.6195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0973, 0.3142, 0.3379**, and **25.4632, 0.3153, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **49.8588, 0.3186, 0.3667**, and if you desaturate by 10%, it is **54.7329, 0.3106, 0.3167**.

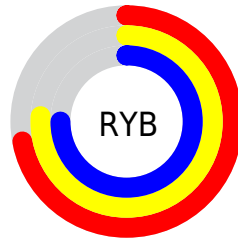
Distribution



Red (73%)

Green (76%)

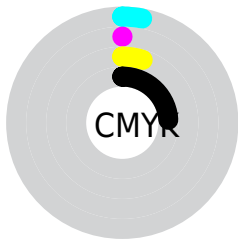
Blue (72%)



Red (72%)

Yellow (76%)

Blue (75%)

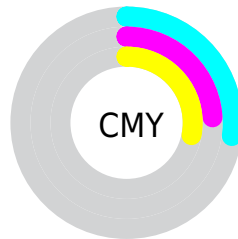


Cyan (3%)

Magenta (0%)

Yellow (5%)

Black (24%)



Cyan (27%)

Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1654, 0.3146, 0.3404 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 52.1654, 0.3146, 0.3404 by changing the saturation by 10% instead.

■ 52.1654, 0.3146,
0.3404

■ 52.1654, 0.3146,
0.3404

395.0748, 0.3137,
0.3348

■ 37.1369, 0.3148,
0.3418

■ 93.3751, 0.3143,
0.3384

■ 25.3135, 0.3151,
0.3436

120.3252, 0.3142,
0.3376

■ 16.3108, 0.3154,
0.3459

152.0179, 0.3141,
0.3370

■ 9.7443, 0.3159,
0.3491

188.8376, 0.3140,
0.3364

■ 5.2298, 0.3166,
0.3539

231.1688, 0.3139,
0.3359

■ 2.3827, 0.3176,
0.3616

279.3957, 0.3138,

■ 0.8170, 0.3223,

0.3355

0.3843

333.9030, 0.3138,
0.3351

0.0000, 0.0000,
0.0000

52.1654, 0.3146,
0.3404

52.1654, 0.3146,
0.3404

49.8588, 0.3186,
0.3667

54.7329, 0.3106,
0.3167

47.7982, 0.3223,
0.3955

57.5625, 0.3066,
0.2956

45.9771, 0.3255,
0.4262

60.6640, 0.3027,
0.2768

44.3862, 0.3279,
0.4580

63.6390, 0.3033,
0.2660

43.0156, 0.3292,
0.4898

65.9585, 0.3129,
0.2678

■ 41.8546, 0.3291,
0.5197

■ 66.6243, 0.3156,
0.2683

■ 40.8914, 0.3274,
0.5459

■ 40.1130, 0.3241,
0.5667

■ 39.5040, 0.3194,
0.5809

Harmonies

Analogous

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



52.1654, 0.3213, 0.3415



52.1654, 0.3146, 0.3404



52.1654, 0.3074, 0.3362

Triad

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



52.1654, 0.3146, 0.3404



52.1654, 0.2998, 0.3188



52.1654, 0.3238, 0.3279

Complementary

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



52.1654, 0.3146, 0.3404



49.0778, 0.3107, 0.3177

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.



52.1654, 0.3180, 0.3220



52.1654, 0.3146, 0.3404



52.1654, 0.3041, 0.3168

Square

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



52.1654, 0.3146, 0.3404



52.1654, 0.2989, 0.3236



52.1654, 0.3107, 0.3180



52.1654, 0.3267, 0.3342

Rectangle

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



52.1654, 0.3146, 0.3404



52.1654, 0.3033, 0.3321



52.1654, 0.3107, 0.3180



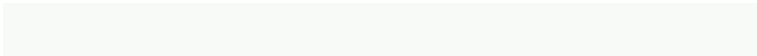
52.1654, 0.3221, 0.3258

Sweetspot

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



52.1676, 0.3146, 0.3404



95.0479, 0.3131, 0.3314



51.6278, 0.3198, 0.3365



20.3959, 0.3131, 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.



52.1676, 0.3146, 0.3404



92.8066, 0.3152, 0.3440



51.8574, 0.3111, 0.3385



11.5654, 0.3154, 0.3452



26.1333, 0.3177, 0.5859



1.1672, 0.3359, 0.5715

Inverse Universe

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



49.0778, 0.3107, 0.3177



85.6573, 0.3101, 0.3142



49.4005, 0.3144, 0.3196



10.6074, 0.3099, 0.3130



5.7068, 0.2395, 0.1093



0.2829, 0.2581, 0.1196

Previews

White Background



This preview shows how the Yxy color 52.1654, 0.3146, 0.3404 looks on a white background.

Color Contrast Check

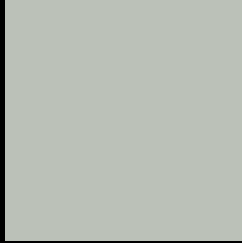
Large Text (above 18pt) WCAG AA × Fail

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 52.1654, 0.3146, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

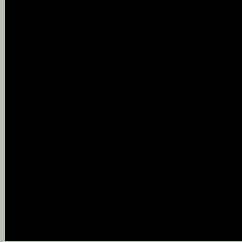
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

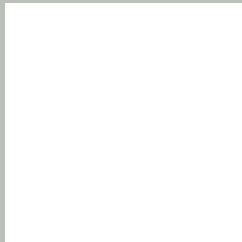
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1654, 0.3146, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 52.1654, 0.3146, 0.3404.



This preview shows how white text looks on a background with the Yxy color 52.1654, 0.3146, 0.3404.

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

52.1654, 0.3146, 0.3404

Protanopia

51.9401, 0.3238, 0.3390

Deuteranopia

52.0920, 0.3341, 0.3279



Tritanopia

52.1818, 0.3016, 0.3106

Trichromacy



Original Color

52.1654, 0.3146, 0.3404

Protanomaly

52.0180, 0.3205, 0.3390

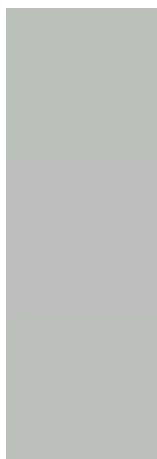
Deuteranomaly

52.0258, 0.3268, 0.3327

Tritanomaly

52.1116, 0.3066, 0.3215

Monochromacy



Original Color

52.1654, 0.3146, 0.3404

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7113, 0.3134, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1654, 0.3146, 0.3404 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, 193, 184)` looks like.

```
.text, #text, p{  
    color:rgb(187, 193, 184)  
}
```

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, 193, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 193, 184) }
```

Border

The CSS property to change the border of an element to Yxy 52.1654, 0.3146, 0.3404 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, 193, 184) }
```

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

```
.border{ border-color:rgb(187, 193, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 193, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 193, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 193, 184);  
box-shadow:4px 4px 4px 4px rgb(187, 193,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1654, 0.3146, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 193, 184) }
```

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

```
.background{ background-color: rgb(187,  
193, 184) }
```

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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