

Converting Colors

$Y_{xy}(56.2796, 0.3130, 0.3554)$

Have a look what the booklet for
Yxy(56.2796, 0.3130, 0.3554)
contains.

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Color

Yxy(56.2796, 0.3130, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	B8CBB6
RGB	184, 203, 182
RGB Percent	72%, 80%, 71%
CMY	0.2785, 0.2039, 0.2862
CMYK	0.09, 0.00, 0.10, 0.20
HSL	114°, 17%, 75%
HSV	114°, 10%, 80%
XYZ	49.5653, 56.2796, 52.5107
YIQ	194.9250, -4.5830, -10.5590

Conversions

Conversions Part 2

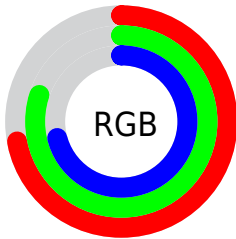
Format	Color
RYB	182, 203, 201
Decimal	12110774
CIELab	79.77, -10.36, 8.28
CIELCh	80, 13.264, 141.350
Yxy	56.2796, 0.3130, 0.3554
Android (android.graphics.Color)	4290300854 (0xFFB8CBB6)
YUV	194.9250, -6.3720, -9.5812
Hunter-Lab	75.0197, -13.3501, 11.0132

Details

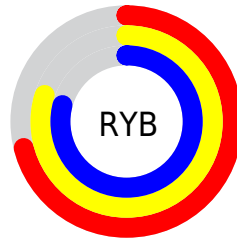
The Yxy color **56.2796, 0.3130, 0.3554** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1928, 0.3122, 0.3037**, and the grayscale version is **54.5675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2183, 0.3132, 0.3458**, and **27.9052, 0.3132, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **53.3778, 0.3131, 0.3842**, and if you desaturate by 10%, it is **59.6030, 0.3127, 0.3298**.

Distribution



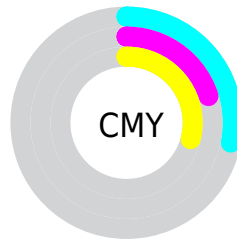
- Red (72%)
- Green (80%)
- Blue (71%)



- Red (71%)
- Yellow (80%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2796, 0.3130, 0.3554 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 56.2796, 0.3130, 0.3554 by changing the saturation by 10% instead.

■ 56.2796, 0.3130,
0.3554

■ 56.2796, 0.3130,
0.3554

410.7443, 0.3130,
0.3424

■ 40.4271, 0.3130,
0.3586

■ 99.4133, 0.3130,
0.3507

■ 27.8717, 0.3129,
0.3627

127.4633, 0.3130,
0.3489

■ 18.2290, 0.3128,
0.3680

160.3479, 0.3130,
0.3474

■ 11.1145, 0.3126,
0.3754

198.4515, 0.3130,
0.3462

■ 6.1439, 0.3123,
0.3862

242.1586, 0.3130,
0.3450

■ 2.9328, 0.3114,
0.4036

291.8535, 0.3130,

■ 1.0967, 0.3138,

0.3440

0.4438

347.9206, 0.3130,
0.3432

0.0000, 0.0000,
0.0000

56.2796, 0.3130,
0.3554

56.2796, 0.3130,
0.3554

53.3778, 0.3131,
0.3842

59.6030, 0.3127,
0.3298

50.8738, 0.3129,
0.4160

63.3564, 0.3123,
0.3074

48.7524, 0.3124,
0.4500

67.5568, 0.3118,
0.2879

46.9948, 0.3114,
0.4849

71.1951, 0.3151,
0.2782

45.5804, 0.3100,
0.5187

■ 44.4867, 0.3082,
0.5490

■ 43.6882, 0.3061,
0.5732

■ 43.1558, 0.3038,
0.5896

■ 42.8551, 0.3020,
0.5984

Harmonies

Analogous

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



56.2796, 0.3301, 0.3597



56.2796, 0.3130, 0.3554



56.2796, 0.2962, 0.3433

Triad

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



56.2796, 0.3130, 0.3554



56.2796, 0.2833, 0.3025



56.2796, 0.3422, 0.3295

Complementary

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



56.2796, 0.3130, 0.3554



50.1928, 0.3122, 0.3037

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.



56.2796, 0.3290, 0.3152



56.2796, 0.3130, 0.3554



56.2796, 0.2950, 0.2997

Square

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



56.2796, 0.3130, 0.3554



56.2796, 0.2794, 0.3124



56.2796, 0.3117, 0.3044



56.2796, 0.3472, 0.3442

Rectangle

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



56.2796, 0.3130, 0.3554



56.2796, 0.2874, 0.3328



56.2796, 0.3117, 0.3044



56.2796, 0.3386, 0.3246

Sweetspot

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



56.2820, 0.3130, 0.3554



98.2266, 0.3128, 0.3364



57.8052, 0.3283, 0.3518



20.9255, 0.3128, 0.3384



0.0000, 0.0000, 0.0000



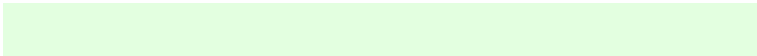
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2820, 0.3130, 0.3554



93.3012, 0.3130, 0.3604



56.3968, 0.3056, 0.3448



12.5867, 0.3130, 0.3528



27.2887, 0.3024, 0.5981



1.4256, 0.3100, 0.5921

Inverse Universe

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



50.1928, 0.3122, 0.3037



81.4630, 0.3121, 0.2992



50.0795, 0.3206, 0.3138



11.3479, 0.3123, 0.3061



9.2384, 0.2975, 0.1412



0.4926, 0.3023, 0.1439

Previews

White Background



This preview shows how the Yxy color 56.2796, 0.3130, 0.3554 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 56.2796, 0.3130, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

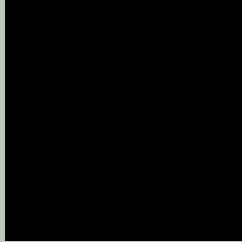
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

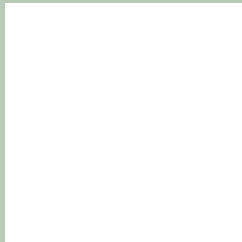
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2796, 0.3130, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 56.2796, 0.3130, 0.3554.



This preview shows how white text looks on a background with the Yxy color 56.2796, 0.3130, 0.3554.

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

56.2796, 0.3130, 0.3554

Protanopia

56.1663, 0.3327, 0.3508

Deuteranopia

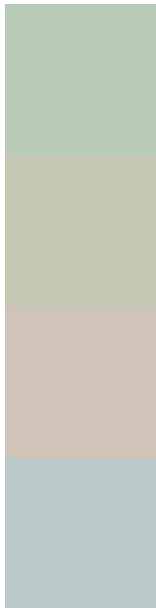
56.1365, 0.3424, 0.3360



Tritanopia

56.0620, 0.2946, 0.3097

Trichromacy



Original Color

56.2796, 0.3130, 0.3554

Protanomaly

56.0125, 0.3251, 0.3524

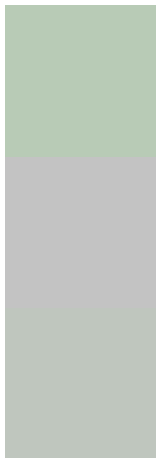
Deuteranomaly

55.9008, 0.3317, 0.3422

Tritanomaly

56.1376, 0.3013, 0.3265

Monochromacy



Original Color

56.2796, 0.3130, 0.3554

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1822, 0.3130, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2796, 0.3130, 0.3554 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(184, 203, 182)` looks like.

```
.text, #text, p{  
    color:rgb(184, 203, 182)  
}
```

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(184, 203, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 203, 182) }
```

Border

The CSS property to change the border of an element to Yxy 56.2796, 0.3130, 0.3554 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(184, 203, 182) }
```

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

```
.border{ border-color:rgb(184, 203, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 203, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 203, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 203, 182); box-shadow:4px 4px 4px 4px rgb(184, 203, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2796, 0.3130, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 203, 182) }
```

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

```
.background{ background-color: rgb(184,  
203, 182) }
```

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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