

Converting Colors

Yxy(56.9318, 0.3205, 0.3610)

Have a look what the booklet for
Yxy(56.9318, 0.3205, 0.3610)
contains.

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Color

Yxy(56.8734, 0.3206, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	BECBB2
RGB	190, 203, 178
RGB Percent	75%, 80%, 70%
CMY	0.2547, 0.2039, 0.3019
CMYK	0.06, 0.00, 0.12, 0.20
HSL	91°, 19%, 75%
HSV	91°, 12%, 80%
XYZ	50.6349, 56.8734, 50.4295
YIQ	196.2630, 0.2770, -10.5310

Conversions

Conversions Part 2

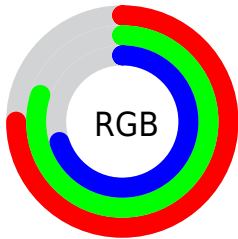
Format	Color
RYB	178, 203, 191
Decimal	12503986
CIELab	80.11, -8.93, 10.96
CIELCh	80, 14.141, 129.170
Yxy	56.8734, 0.3206, 0.3601
Android (android.graphics.Color)	4290694066 (0xFFBECBB2)
YUV	196.2630, -9.0037, -5.4927
Hunter-Lab	75.4145, -12.1266, 13.1430

Details

The Yxy color **56.8734, 0.3206, 0.3601** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2243, 0.3040, 0.2980**, and the grayscale version is **55.4280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0533, 0.3193, 0.3496**, and **28.2939, 0.3232, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **54.8132, 0.3269, 0.3877**, and if you desaturate by 10%, it is **59.1570, 0.3142, 0.3346**.

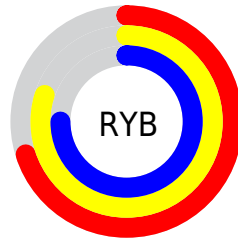
Distribution



Red (75%)

Green (80%)

Blue (70%)



Red (70%)

Yellow (80%)

Blue (75%)

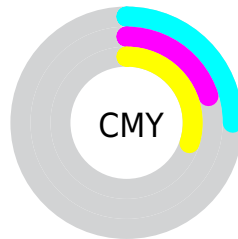


Cyan (6%)

Magenta (0%)

Yellow (12%)

Black (20%)



Cyan (25%)

Magenta (20%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8734, 0.3206, 0.3601 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 56.8734, 0.3206, 0.3601 by changing the saturation by 10% instead.

■ 56.8734, 0.3206,
0.3601

■ 56.8734, 0.3206,
0.3601

412.9748, 0.3169,
0.3448

■ 40.9036, 0.3214,
0.3638

■ 100.2804, 0.3193,
0.3546

■ 28.2438, 0.3225,
0.3686

128.4865, 0.3188,
0.3525

■ 18.5095, 0.3238,
0.3748

161.5400, 0.3184,
0.3508

■ 11.3164, 0.3255,
0.3834

199.8255, 0.3180,
0.3492

■ 6.2801, 0.3278,
0.3959

243.7274, 0.3177,
0.3479

■ 3.0161, 0.3310,
0.4158

293.6299, 0.3174,

■ 1.1402, 0.3469,

0.3468

0.4677

349.9176, 0.3171,
0.3457

0.0120, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8734, 0.3206,
0.3601

56.8734, 0.3206,
0.3601

54.8132, 0.3269,
0.3877

59.1570, 0.3142,
0.3346

52.9617, 0.3327,
0.4169

61.6635, 0.3078,
0.3113

51.3136, 0.3377,
0.4470

64.4020, 0.3017,
0.2903

49.8605, 0.3415,
0.4768

67.1053, 0.2986,
0.2755

■ 48.5933, 0.3436,
0.5050

■ 68.9202, 0.3061,
0.2767

■ 47.5022, 0.3438,
0.5300

■ 70.8423, 0.3138,
0.2779

■ 46.5760, 0.3418,
0.5503

■ 71.1888, 0.3151,
0.2782

■ 45.8018, 0.3378,
0.5651

■ 45.2938, 0.3337,
0.5732

Harmonies

Analogous

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



56.8734, 0.3374, 0.3609



56.8734, 0.3206, 0.3601



56.8734, 0.3021, 0.3503

Triad

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



56.8734, 0.3206, 0.3601



56.8734, 0.2788, 0.3042



56.8734, 0.3392, 0.3231

Complementary

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



56.8734, 0.3206, 0.3601



47.2243, 0.3040, 0.2980

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.



56.8734, 0.3228, 0.3091



56.8734, 0.3206, 0.3601



56.8734, 0.2880, 0.2982

Square

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



56.8734, 0.3206, 0.3601



56.8734, 0.2783, 0.3173



56.8734, 0.3040, 0.3000



56.8734, 0.3485, 0.3390

Rectangle

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



56.8734, 0.3206, 0.3601



56.8734, 0.2912, 0.3400



56.8734, 0.3040, 0.3000



56.8734, 0.3343, 0.3181

Sweetspot

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



56.8759, 0.3206, 0.3601



98.3715, 0.3153, 0.3389



53.1347, 0.3328, 0.3448



20.9915, 0.3158, 0.3408



0.0000, 0.0000, 0.0000



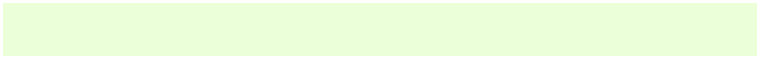
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8759, 0.3206, 0.3601



94.2090, 0.3224, 0.3679



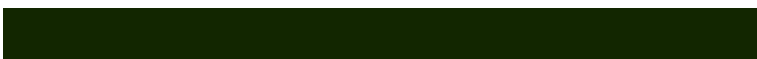
55.4054, 0.3109, 0.3604



12.7976, 0.3187, 0.3524



28.8805, 0.3347, 0.5724



1.5350, 0.3499, 0.5603

Inverse Universe

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



47.2243, 0.3040, 0.2980



74.6481, 0.3017, 0.2903



48.8295, 0.3145, 0.2994



11.1251, 0.3062, 0.3056



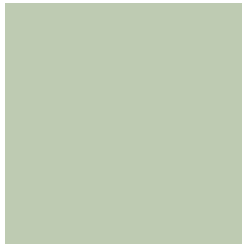
4.7178, 0.2067, 0.0912



0.2884, 0.2278, 0.1029

Previews

White Background



This preview shows how the Yxy color 56.8734, 0.3206, 0.3601 looks on a white background.

Color Contrast Check

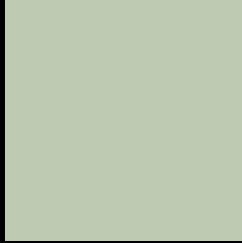
Large Text (above 18pt) WCAG AA × Fail

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 56.8734, 0.3206, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

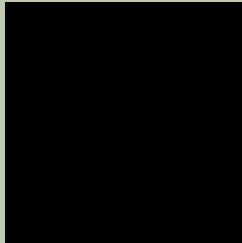
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

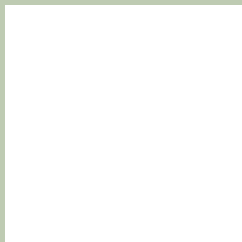
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8734, 0.3206, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 56.8734, 0.3206, 0.3601.



This preview shows how white text looks on a background with the Yxy color 56.8734, 0.3206, 0.3601.

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

56.8734, 0.3206, 0.3601

Protanopia

56.7487, 0.3373, 0.3567

Deuteranopia

56.4042, 0.3491, 0.3418



Tritanopia

56.8453, 0.2990, 0.3100

Trichromacy



Original Color

56.8734, 0.3206, 0.3601

Protanomaly

56.8606, 0.3313, 0.3583

Deuteranomaly

56.2819, 0.3389, 0.3480

Tritanomaly

56.8631, 0.3066, 0.3278

Monochromacy



Original Color

56.8734, 0.3206, 0.3601

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.9903, 0.3161, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8734, 0.3206, 0.3601 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(190, 203, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 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(190, 203, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.8734, 0.3206, 0.3601 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(190, 203, 178) }
```

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

```
.border{ border-color:rgb(190, 203, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 203, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8734, 0.3206, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 178) }
```

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

```
.background{ background-color: rgb(190,  
203, 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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