

Converting Colors

$Yxy(54.7766, 0.3224, 0.3553)$

Have a look what the booklet for
Yxy(54.7766, 0.3224, 0.3553)
contains.

Yxy(54.6389, 0.3226, 0.3553)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.6389, 0.3226, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	BFC6B1
RGB	191, 198, 177
RGB Percent	75%, 78%, 69%
CMY	0.2511, 0.2235, 0.3058
CMYK	0.04, 0.00, 0.11, 0.22
HSL	80°, 16%, 74%
HSV	80°, 11%, 78%
XYZ	49.6102, 54.6389, 49.5333
YIQ	193.5130, 2.5690, -8.0150

Conversions

Conversions Part 2

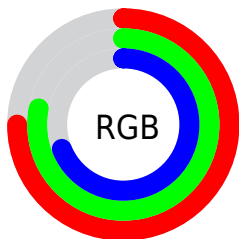
Format	Color
RYB	177, 198, 184
Decimal	12568241
CIELab	78.83, -6.19, 9.69
CIELCh	79, 11.493, 122.566
Yxy	54.6389, 0.3226, 0.3553
Android (android.graphics.Color)	4290758321 (0xFFBFC6B1)
YUV	193.5130, -8.1409, -2.2039
Hunter-Lab	73.9181, -9.5563, 12.0118

Details

The Yxy color **54.6389, 0.3226, 0.3553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7259, 0.3021, 0.3023**, and the grayscale version is **53.6927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1773, 0.3205, 0.3506**, and **26.8050, 0.3261, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **53.0659, 0.3319, 0.3817**, and if you desaturate by 10%, it is **56.3703, 0.3133, 0.3304**.

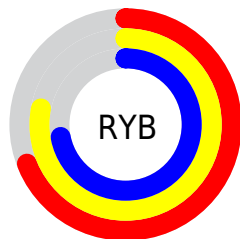
Distribution



Red (75%)

Green (78%)

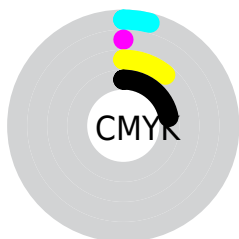
Blue (69%)



Red (69%)

Yellow (78%)

Blue (72%)

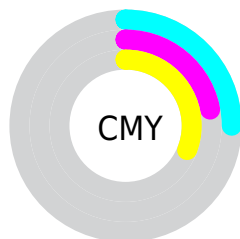


Cyan (4%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (25%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6389, 0.3226, 0.3553 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 54.6389, 0.3226, 0.3553 by changing the saturation by 10% instead.


 54.6389, 0.3226,
0.3553

 54.6389, 0.3226,
0.3553


404.5417, 0.3179,
0.3423

 39.1127, 0.3237,
0.3585


 97.0117, 0.3209,
0.3506

 26.8474, 0.3251,
0.3625


124.6271, 0.3203,
0.3489

 17.4586, 0.3269,
0.3679


157.0409, 0.3197,
0.3474

 10.5620, 0.3294,
0.3752

194.6377, 0.3193,
0.3461

 5.7732, 0.3328,
0.3860

237.8018, 0.3188,
0.3450

 2.7076, 0.3378,
0.4032

286.9175, 0.3185,

 0.9811, 0.3626,

0.3440

0.4570

342.3693, 0.3182,
0.3431

0.0000, 0.0000,
0.0000

54.6389, 0.3226,
0.3553

54.6389, 0.3226,
0.3553

53.0659, 0.3319,
0.3817

56.3703, 0.3133,
0.3304

51.6389, 0.3410,
0.4092

58.2581, 0.3042,
0.3074

50.3543, 0.3493,
0.4370

60.3096, 0.2955,
0.2864

49.2059, 0.3564,
0.4642

62.4505, 0.2882,
0.2685

48.1869, 0.3619,
0.4895

63.4930, 0.2929,
0.2693

■ 47.2899, 0.3651,
0.5117

■ 64.5770, 0.2976,
0.2701

■ 46.5064, 0.3660,
0.5297

■ 65.7030, 0.3025,
0.2710

■ 45.8262, 0.3644,
0.5429

■ 66.8715, 0.3073,
0.2718

■ 45.2641, 0.3611,
0.5515

■ 68.0828, 0.3122,
0.2727

Harmonies

Analogous

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



54.6389, 0.3355, 0.3544



54.6389, 0.3226, 0.3553



54.6389, 0.3073, 0.3487

Triad

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



54.6389, 0.3226, 0.3553



54.6389, 0.2839, 0.3106



54.6389, 0.3319, 0.3214

Complementary

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



54.6389, 0.3226, 0.3553



45.7259, 0.3021, 0.3023

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.



54.6389, 0.3177, 0.3104



54.6389, 0.3226, 0.3553



54.6389, 0.2901, 0.3041

Square

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



54.6389, 0.3226, 0.3553



54.6389, 0.2852, 0.3224



54.6389, 0.3024, 0.3041



54.6389, 0.3411, 0.3345

Rectangle

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



54.6389, 0.3226, 0.3553



54.6389, 0.2977, 0.3410



54.6389, 0.3024, 0.3041



54.6389, 0.3276, 0.3174

Sweetspot

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



54.6413, 0.3226, 0.3553



99.0333, 0.3155, 0.3363



49.4694, 0.3303, 0.3378



21.1428, 0.3163, 0.3383



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.



54.6413, 0.3226, 0.3553



95.9964, 0.3250, 0.3620



53.3345, 0.3142, 0.3560



12.2319, 0.3215, 0.3522



29.4803, 0.3619, 0.5508



1.4344, 0.3742, 0.5411

Inverse Universe

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



45.7259, 0.3021, 0.3023



76.7025, 0.2992, 0.2953



47.0653, 0.3109, 0.3030



10.4575, 0.3034, 0.3055



3.4574, 0.1757, 0.0741



0.2036, 0.1998, 0.0874

Previews

White Background



This preview shows how the Yxy color 54.6389, 0.3226, 0.3553 looks on a white background.

Color Contrast Check

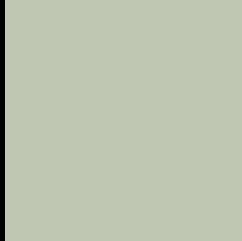
Large Text (above 18pt) WCAG AA × Fail

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 54.6389, 0.3226, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

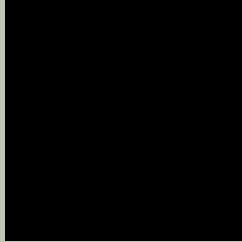
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

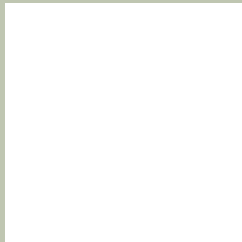
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6389, 0.3226, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 54.6389, 0.3226, 0.3553.



This preview shows how white text looks on a background with the Yxy color 54.6389, 0.3226, 0.3553.

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

54.6389, 0.3226, 0.3553

Protanopia

54.3752, 0.3347, 0.3523

Deuteranopia

54.4368, 0.3471, 0.3396



Tritanopia

54.4791, 0.3033, 0.3098

Trichromacy



Original Color

54.6389, 0.3226, 0.3553

Protanomaly

54.3069, 0.3304, 0.3524

Deuteranomaly

54.4689, 0.3377, 0.3459

Tritanomaly

54.5308, 0.3104, 0.3266

Monochromacy



Original Color

54.6389, 0.3226, 0.3553

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9985, 0.3163, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6389, 0.3226, 0.3553 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(191, 198, 177)` looks like.

```
.text, #text, p{  
    color:rgb(191, 198, 177)  
}
```

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(191, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 198, 177) }
```

Border

The CSS property to change the border of an element to Yxy 54.6389, 0.3226, 0.3553 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(191, 198, 177) }
```

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

```
.border{ border-color:rgb(191, 198, 177) }
```

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

Here you see how a box with a 4 pixel rgb(191, 198, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 198, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 198, 177);  
box-shadow:4px 4px 4px 4px rgb(191, 198,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6389, 0.3226, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 198, 177) }
```

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

```
.background{ background-color: rgb(191,  
198, 177) }
```

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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