

Converting Colors

$Yxy(46.6066, 0.3175, 0.3344)$

Have a look what the booklet for
Yxy(46.6066, 0.3175, 0.3344)
contains.

Yxy(46.6975, 0.3175, 0.3355)	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(46.6975, 0.3175, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	B7B6B1
RGB	183, 182, 177
RGB Percent	72%, 71%, 69%
CMY	0.2824, 0.2863, 0.3057
CMYK	0.00, 0.01, 0.03, 0.28
HSL	50°, 4%, 71%
HSV	50°, 3%, 72%
XYZ	44.1921, 46.6975, 48.2982
YIQ	181.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

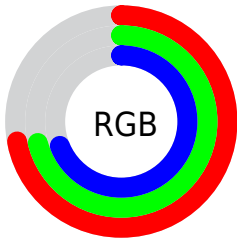
Format	Color
RYB	178, 183, 177
Decimal	12039857
CIELab	74.00, -0.56, 2.64
CIELCh	74, 2.695, 102.025
Yxy	46.6975, 0.3175, 0.3355
Android (android.graphics.Color)	4290229937 (0xFFB7B6B1)
YUV	181.7290, -2.3314, 1.1147
Hunter-Lab	68.3356, -4.1526, 5.9300

Details

The Yxy color **46.6975, 0.3175, 0.3355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6168, 0.3079, 0.3224**, and the grayscale version is **46.6370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3830, 0.3165, 0.3341**, and **21.9016, 0.3193, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **44.7979, 0.3329, 0.3561**, and if you desaturate by 10%, it is **48.7255, 0.3032, 0.3159**.

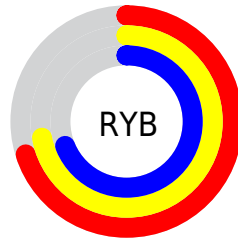
Distribution



Red (72%)

Green (71%)

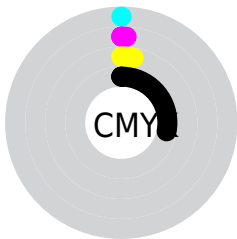
Blue (69%)



Red (70%)

Yellow (72%)

Blue (69%)

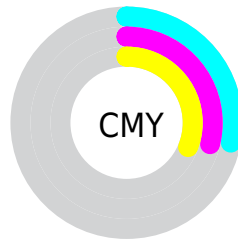


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6975, 0.3175, 0.3355 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 46.6975, 0.3175, 0.3355 by changing the saturation by 10% instead.

■ 46.6975, 0.3175,
0.3355

■ 46.6975, 0.3175,
0.3355

373.6058, 0.3151,
0.3323

■ 32.7966, 0.3181,
0.3363

■ 85.2619, 0.3166,
0.3343

■ 21.9707, 0.3189,
0.3374

110.6942, 0.3163,
0.3339

■ 13.8353, 0.3199,
0.3388

140.7390, 0.3160,
0.3335

■ 8.0062, 0.3213,
0.3407

175.7809, 0.3158,
0.3332

■ 4.0989, 0.3235,
0.3437

216.2041, 0.3156,
0.3329

■ 1.7291, 0.3270,
0.3486

262.3930, 0.3154,

■ 0.4424, 0.3548,

0.3327

0.3858

314.7321, 0.3153,
0.3324

0.0000, 0.0000,
0.0000

46.6975, 0.3175,
0.3355

46.6975, 0.3175,
0.3355

44.7979, 0.3329,
0.3561

48.7255, 0.3032,
0.3159

43.0167, 0.3492,
0.3773

50.8796, 0.2900,
0.2974

41.3515, 0.3660,
0.3985

53.1656, 0.2780,
0.2803

39.7977, 0.3830,
0.4189

55.5868, 0.2671,
0.2646

38.3505, 0.3994,
0.4377

57.2442, 0.2647,
0.2633

■ 37.0043, 0.4147,
0.4539

■ 58.6256, 0.2651,
0.2668

■ 35.7530, 0.4281,
0.4665

■ 60.0345, 0.2655,
0.2703

■ 34.5898, 0.4391,
0.4749

■ 61.4710, 0.2658,
0.2739

■ 33.5063, 0.4473,
0.4788

■ 62.9352, 0.2662,
0.2774

Harmonies

Analogous

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



46.6975, 0.3197, 0.3342



46.6975, 0.3175, 0.3355



46.6975, 0.3140, 0.3351

Triad

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



46.6975, 0.3175, 0.3355



46.6975, 0.3055, 0.3265



46.6975, 0.3152, 0.3251

Complementary

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



46.6975, 0.3175, 0.3355



44.6168, 0.3079, 0.3224

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.



46.6975, 0.3114, 0.3231



46.6975, 0.3175, 0.3355



46.6975, 0.3058, 0.3238

Square

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



46.6975, 0.3175, 0.3355



46.6975, 0.3071, 0.3298



46.6975, 0.3079, 0.3226



46.6975, 0.3183, 0.3282

Rectangle

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



46.6975, 0.3175, 0.3355



46.6975, 0.3115, 0.3338



46.6975, 0.3079, 0.3226



46.6975, 0.3139, 0.3243

Sweetspot

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



46.6995, 0.3175, 0.3355



84.4451, 0.3142, 0.3310



44.7399, 0.3171, 0.3277



18.6555, 0.3141, 0.3309



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



46.6995, 0.3175, 0.3355



83.3679, 0.3187, 0.3372



46.8603, 0.3157, 0.3368



10.4464, 0.3196, 0.3384



22.9775, 0.4512, 0.4800



0.8778, 0.4417, 0.4875

Inverse Universe

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



44.6168, 0.3079, 0.3224



78.7253, 0.3067, 0.3207



44.4633, 0.3096, 0.3212



9.7793, 0.3058, 0.3194



3.1059, 0.1544, 0.0758



0.1843, 0.1660, 0.1175

Previews

White Background



This preview shows how the Yxy color 46.6975, 0.3175, 0.3355 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 46.6975, 0.3175, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

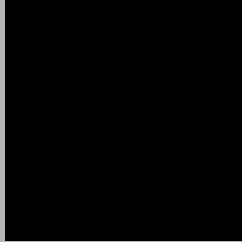
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

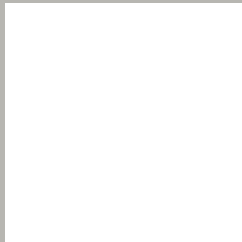
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6975, 0.3175, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 46.6975, 0.3175, 0.3355.



This preview shows how white text looks on a background with the Yxy color 46.6975, 0.3175, 0.3355.

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

46.6975, 0.3175, 0.3355

Protanopia

46.6214, 0.3210, 0.3355

Deuteranopia

46.6825, 0.3333, 0.3266



Tritanopia

46.4495, 0.3060, 0.3099

Trichromacy



Original Color

46.6975, 0.3175, 0.3355

Protanomaly

46.4966, 0.3202, 0.3355

Deuteranomaly

46.5245, 0.3268, 0.3290

Tritanomaly

46.4637, 0.3098, 0.3187

Monochromacy



Original Color

46.6975, 0.3175, 0.3355

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6963, 0.3143, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6975, 0.3175, 0.3355 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(183, 182, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 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(183, 182, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 177) }
```

Border

The CSS property to change the border of an element to Yxy 46.6975, 0.3175, 0.3355 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(183, 182, 177) }
```

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

```
.border{ border-color:rgb(183, 182, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 182, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 182, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 182, 177);  
box-shadow:4px 4px 4px 4px rgb(183, 182,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6975, 0.3175, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 177) }
```

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

```
.background{ background-color: rgb(183,  
182, 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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