

Converting Colors

$Yxy(46.6293, 0.3333, 0.3553)$

Have a look what the booklet for
Yxy(46.6293, 0.3333, 0.3553)
contains.

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Color

Yxy(46.6293, 0.3333, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	BBB6A2
RGB	187, 182, 162
RGB Percent	73%, 71%, 64%
CMY	0.2667, 0.2863, 0.3648
CMYK	0.00, 0.03, 0.13, 0.27
HSL	48°, 16%, 68%
HSV	48°, 13%, 73%
XYZ	43.7420, 46.6293, 40.8679
YIQ	181.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

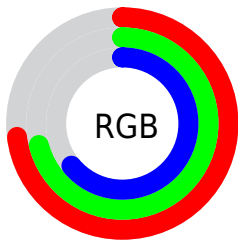
Format	Color
R _Y B	168, 187, 162
Decimal	12301986
CIE Lab	73.95, -1.69, 10.82
CIE LCh	74, 10.953, 98.887
Yxy	46.6293, 0.3333, 0.3553
Android (android.graphics.Color)	4290492066 (0xFFBBB6A2)
YUV	181.2150, -9.4730, 5.0734
Hunter-Lab	68.2857, -5.1574, 12.3158

Details

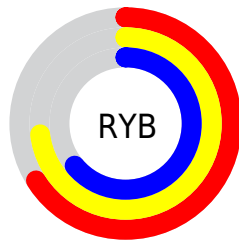
The Yxy color $46.6293, 0.3333, 0.3553$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $38.8970, 0.2918, 0.3013$, and the grayscale version is $46.3797, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.2135, 0.3293, 0.3505$, and $21.8946, 0.3400, 0.3632$ is the 20% darker color. If you saturate the color by 10%, you get $44.5055, 0.3499, 0.3757$, and if you desaturate by 10%, it is $48.8969, 0.3177, 0.3355$.

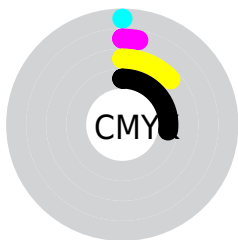
Distribution



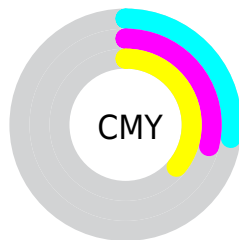
- Red (73%)
- Green (71%)
- Blue (64%)



- Red (66%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (27%)





- Cyan (27%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6293, 0.3333, 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 46.6293, 0.3333, 0.3553 by changing the saturation by 10% instead.


 46.6293, 0.3333,
0.3553


 46.6293, 0.3333,
0.3553


373.3329, 0.3230,
0.3421

 32.7427, 0.3359,
0.3586

 85.1600, 0.3296,
0.3505

 21.9294, 0.3391,
0.3629


 110.5729, 0.3282,
0.3487

 13.8050, 0.3435,
0.3686


140.5967, 0.3270,
0.3472

 7.9852, 0.3495,
0.3765

175.6158, 0.3260,
0.3459

 4.0855, 0.3584,
0.3884

216.0146, 0.3251,
0.3447

 1.7215, 0.3727,
0.4080

262.1774, 0.3243,

 0.4375, 0.4612,

0.3437

0.5388

314.4887, 0.3236,
0.3429

0.0000, 0.0000,
0.0000

46.6293, 0.3333,
0.3553

46.6293, 0.3333,
0.3553

44.5055, 0.3499,
0.3757

48.8969, 0.3177,
0.3355

42.5147, 0.3672,
0.3962

51.3066, 0.3033,
0.3166

40.6540, 0.3849,
0.4160

53.8645, 0.2902,
0.2990

38.9179, 0.4022,
0.4342

56.5746, 0.2782,
0.2826

37.3005, 0.4186,
0.4498

59.4095, 0.2677,
0.2680

■ 35.7954, 0.4331,
0.4619

■ 61.1685, 0.2681,
0.2723

■ 34.3949, 0.4453,
0.4697

■ 62.9701, 0.2686,
0.2766

■ 33.0902, 0.4546,
0.4729

■ 64.8147, 0.2690,
0.2809

■ 32.2676, 0.4597,
0.4732

■ 66.7024, 0.2694,
0.2852

Harmonies

Analogous

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



46.6293, 0.3417, 0.3488



46.6293, 0.3333, 0.3553



46.6293, 0.3195, 0.3546

Triad

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



46.6293, 0.3333, 0.3553



46.6293, 0.2841, 0.3196



46.6293, 0.3210, 0.3123

Complementary

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



46.6293, 0.3333, 0.3553



38.8970, 0.2918, 0.3013

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.



46.6293, 0.3054, 0.3048



46.6293, 0.3333, 0.3553



46.6293, 0.2845, 0.3086

Square

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



46.6293, 0.3333, 0.3553



46.6293, 0.2912, 0.3336



46.6293, 0.2922, 0.3034



46.6293, 0.3345, 0.3241

Rectangle

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



46.6293, 0.3333, 0.3553



46.6293, 0.3091, 0.3500



46.6293, 0.2922, 0.3034



46.6293, 0.3158, 0.3093

Sweetspot

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



46.6314, 0.3333, 0.3553



87.2852, 0.3188, 0.3368



39.1887, 0.3322, 0.3224



19.1523, 0.3199, 0.3383



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.6314, 0.3333, 0.3553



82.3924, 0.3380, 0.3611



47.7929, 0.3259, 0.3623



10.7880, 0.3269, 0.3472



22.3352, 0.4591, 0.4737



0.9587, 0.4479, 0.4826

Inverse Universe

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



38.8970, 0.2918, 0.3013



65.8948, 0.2870, 0.2947



37.9111, 0.2983, 0.2949



9.5257, 0.2984, 0.3101



3.4824, 0.1559, 0.0812



0.2295, 0.1681, 0.1251

Previews

White Background



This preview shows how the Yxy color 46.6293, 0.3333, 0.3553 looks on a white background.

Color Contrast Check

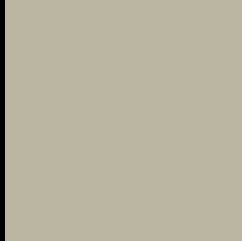
Large Text (above 18pt) WCAG AA × Fail

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 46.6293, 0.3333, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

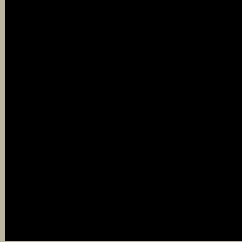
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

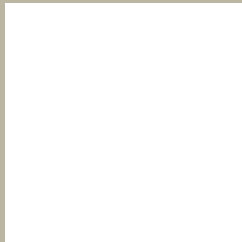
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6293, 0.3333, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 46.6293, 0.3333, 0.3553.



This preview shows how white text looks on a background with the Yxy color 46.6293, 0.3333, 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

46.6293, 0.3333, 0.3553

Protanopia

46.6035, 0.3362, 0.3538

Deuteranopia

46.4261, 0.3512, 0.3441



Tritanopia

46.7229, 0.3127, 0.3114

Trichromacy



Original Color

46.6293, 0.3333, 0.3553

Protanomaly

46.4752, 0.3353, 0.3539

Deuteranomaly

46.6272, 0.3441, 0.3481

Tritanomaly

46.5235, 0.3207, 0.3265

Monochromacy



Original Color

46.6293, 0.3333, 0.3553

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1710, 0.3201, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6293, 0.3333, 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(187, 182, 162)` looks like.

```
.text, #text, p{  
    color:rgb(187, 182, 162)  
}
```

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, 182, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 182, 162) }
```

Border

The CSS property to change the border of an element to Yxy 46.6293, 0.3333, 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(187, 182, 162) }
```

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

```
.border{ border-color:rgb(187, 182, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 182, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 182, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 182, 162);  
box-shadow:4px 4px 4px 4px rgb(187, 182,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6293, 0.3333, 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(187, 182, 162) }
```

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

```
.background{ background-color: rgb(187,  
182, 162) }
```

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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