

Converting Colors

$Yxy(46.2647, 0.3276, 0.3380)$

Have a look what the booklet for
Yxy(46.2647, 0.3276, 0.3380)
contains.

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Color

Yxy(46.1659, 0.3281, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	BEB3AC
RGB	190, 179, 172
RGB Percent	75%, 70%, 67%
CMY	0.2549, 0.2980, 0.3255
CMYK	0.00, 0.06, 0.09, 0.25
HSL	23°, 12%, 71%
HSV	23°, 9%, 75%
XYZ	44.8004, 46.1659, 45.5788
YIQ	181.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

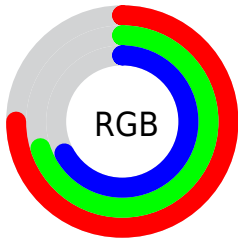
Format	Color
R _{YB}	190, 183, 172
Decimal	12497836
CIE Lab	73.65, 2.69, 4.96
CIE LCh	74, 5.643, 61.583
Yxy	46.1659, 0.3281, 0.3381
Android (android.graphics.Color)	4290687916 (0xFFBEB3AC)
YUV	181.4910, -4.6791, 7.4624
Hunter-Lab	67.9455, -1.2091, 7.7893

Details

The Yxy color **46.1659, 0.3281, 0.3381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3502, 0.2983, 0.3197**, and the grayscale version is **46.5110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5555, 0.3252, 0.3371**, and **21.5961, 0.3329, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **41.0325, 0.3470, 0.3483**, and if you desaturate by 10%, it is **51.7990, 0.3119, 0.3285**.

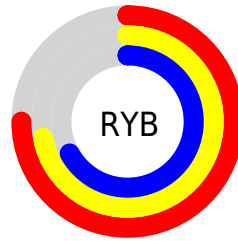
Distribution



Red (75%)

Green (70%)

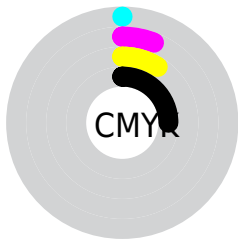
Blue (67%)



Red (75%)

Yellow (72%)

Blue (67%)

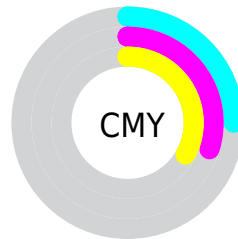


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (30%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1659, 0.3281, 0.3381 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 46.1659, 0.3281, 0.3381 by changing the saturation by 10% instead.

 46.1659, 0.3281,
0.3381

 46.1659, 0.3281,
0.3381


371.4752, 0.3204,
0.3336

 32.3768, 0.3300,
0.3392


 84.4672, 0.3253,
0.3365

 21.6494, 0.3325,
0.3407


109.7482, 0.3242,
0.3359

 13.5995, 0.3359,
0.3426


139.6286, 0.3233,
0.3353

 7.8427, 0.3406,
0.3452

174.4927, 0.3226,
0.3349

 3.9944, 0.3477,
0.3491

214.7251, 0.3219,
0.3345

 1.6705, 0.3596,
0.3555

260.7100, 0.3213,

 0.4044, 0.4748,

0.3342

0.4267

312.8319, 0.3208,
0.3339

0.0000, 0.0000,
0.0000

46.1659, 0.3281,
0.3381

46.1659, 0.3281,
0.3381

41.0325, 0.3470,
0.3483

51.7990, 0.3119,
0.3285

36.3788, 0.3688,
0.3588

57.9391, 0.2981,
0.3196

32.1921, 0.3940,
0.3694

64.6012, 0.2862,
0.3114

28.4570, 0.4222,
0.3793

71.7975, 0.2761,
0.3039

25.1569, 0.4532,
0.3877

78.7431, 0.2734,
0.3095

■ 22.2743, 0.4857,
0.3933

■ 85.6806, 0.2746,
0.3221

■ 19.7902, 0.5178,
0.3949

■ 89.6865, 0.2752,
0.3289

■ 17.6837, 0.5470,
0.3916

■ 15.9258, 0.5717,
0.3837

Harmonies

Analogous

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



46.1659, 0.3273, 0.3318



46.1659, 0.3281, 0.3381



46.1659, 0.3247, 0.3421

Triad

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



46.1659, 0.3281, 0.3381



46.1659, 0.3030, 0.3332



46.1659, 0.3071, 0.3159

Complementary

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



46.1659, 0.3281, 0.3381



46.3502, 0.2983, 0.3197

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.



46.1659, 0.3008, 0.3161



46.1659, 0.3281, 0.3381



46.1659, 0.2984, 0.3260

Square

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



46.1659, 0.3281, 0.3381



46.1659, 0.3102, 0.3393



46.1659, 0.2976, 0.3197



46.1659, 0.3151, 0.3191

Rectangle

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



46.1659, 0.3281, 0.3381



46.1659, 0.3206, 0.3428



46.1659, 0.2976, 0.3197



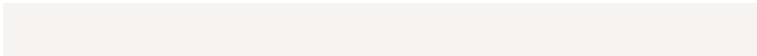
46.1659, 0.3047, 0.3155

Sweetspot

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



46.1679, 0.3281, 0.3381



90.1178, 0.3174, 0.3319



43.8745, 0.3196, 0.3148



19.6052, 0.3187, 0.3326



97.7402, 0.3127, 0.3290



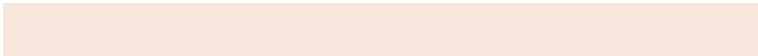
20.4902, 0.3127, 0.3290

Same Dimension

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



46.1679, 0.3281, 0.3381



82.0167, 0.3311, 0.3398



49.8467, 0.3269, 0.3494



10.1293, 0.3279, 0.3380



10.6769, 0.5706, 0.3851



0.5460, 0.5262, 0.4204

Inverse Universe

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



46.3502, 0.2983, 0.3197



82.4017, 0.2956, 0.3180



42.7987, 0.2982, 0.3078



10.1687, 0.2984, 0.3199



10.9366, 0.1883, 0.1978



0.5520, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 46.1659, 0.3281, 0.3381 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 46.1659, 0.3281, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

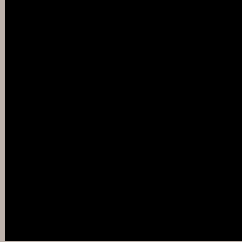
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1659, 0.3281, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 46.1659, 0.3281, 0.3381.



This preview shows how white text looks on a background with the Yxy color 46.1659, 0.3281, 0.3381.

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

46.1659, 0.3281, 0.3381

Protanopia

46.0987, 0.3236, 0.3382

Deuteranopia

46.0946, 0.3378, 0.3316



Tritanopia

46.1058, 0.3162, 0.3114

Trichromacy



Original Color

46.1659, 0.3281, 0.3381

Protanomaly

46.2244, 0.3245, 0.3381

Deuteranomaly

45.9381, 0.3340, 0.3329

Tritanomaly

46.0696, 0.3210, 0.3214

Monochromacy



Original Color

46.1659, 0.3281, 0.3381

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.0472, 0.3178, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1659, 0.3281, 0.3381 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, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(190, 179, 172)  
}
```

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, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 179, 172) }
```

Border

The CSS property to change the border of an element to Yxy 46.1659, 0.3281, 0.3381 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, 179, 172) }
```

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

```
.border{ border-color:rgb(190, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(190, 179,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1659, 0.3281, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 179, 172) }
```

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

```
.background{ background-color: rgb(190,  
179, 172) }
```

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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