

Converting Colors

$Yxy(46.5299, 0.3288, 0.3407)$

Have a look what the booklet for
Yxy(46.5299, 0.3288, 0.3407)
contains.

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Color

Yxy(46.5299, 0.3288, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	BEB4AB
RGB	190, 180, 171
RGB Percent	75%, 71%, 67%
CMY	0.2549, 0.2941, 0.3295
CMYK	0.00, 0.05, 0.10, 0.25
HSL	28°, 13%, 71%
HSV	28°, 10%, 75%
XYZ	44.9047, 46.5299, 45.1369
YIQ	181.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

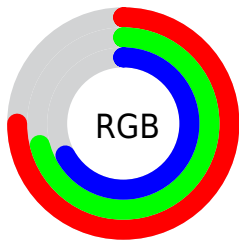
Format	Color
RYB	190, 188, 171
Decimal	12498091
CIELab	73.89, 1.97, 5.85
CIELCh	74, 6.177, 71.363
Yxy	46.5299, 0.3288, 0.3407
Android (android.graphics.Color)	4290688171 (0xFFBEB4AB)
YUV	181.9640, -5.4053, 7.0476
Hunter-Lab	68.2128, -1.8654, 8.5164

Details

The Yxy color $46.5299, 0.3288, 0.3407$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.4114, 0.2974, 0.3170$, and the grayscale version is $46.7850, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0747, 0.3258, 0.3391$, and $21.8290, 0.3338, 0.3432$ is the 20% darker color. If you saturate the color by 10%, you get $41.9720, 0.3472, 0.3531$, and if you desaturate by 10%, it is $51.4863, 0.3127, 0.3290$.

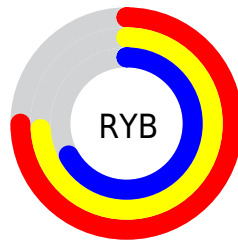
Distribution



Red (75%)

Green (71%)

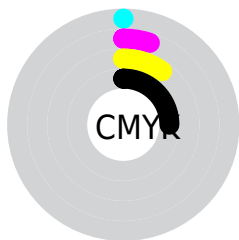
Blue (67%)



Red (75%)

Yellow (74%)

Blue (67%)

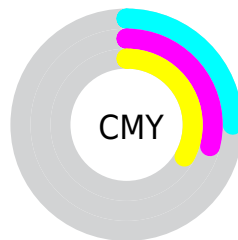


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5299, 0.3288, 0.3407 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 46.5299, 0.3288, 0.3407 by changing the saturation by 10% instead.


 46.5299, 0.3288,
0.3407

 46.5299, 0.3288,
0.3407


372.9349, 0.3207,
0.3349

 32.6642, 0.3308,
0.3421


 85.0115, 0.3259,
0.3386

 21.8693, 0.3334,
0.3440


110.3961, 0.3248,
0.3378

 13.7609, 0.3369,
0.3465


140.3892, 0.3238,
0.3371

 7.9546, 0.3418,
0.3499

175.3751, 0.3230,
0.3366

 4.0659, 0.3491,
0.3549

215.7383, 0.3223,
0.3361

 1.7105, 0.3613,
0.3632

261.8630, 0.3217,

 0.4304, 0.4828,

0.3356

0.4544

314.1338, 0.3212,
0.3352

0.0000, 0.0000,
0.0000

46.5299, 0.3288,
0.3407

46.5299, 0.3288,
0.3407

41.9720, 0.3472,
0.3531

51.4863, 0.3127,
0.3290

37.7961, 0.3682,
0.3658

56.8452, 0.2988,
0.3181

33.9931, 0.3918,
0.3785

62.6182, 0.2866,
0.3080

30.5514, 0.4178,
0.3905

68.8147, 0.2761,
0.2988

27.4587, 0.4456,
0.4007

74.7156, 0.2727,
0.3016

■ 24.7018, 0.4742,
0.4081

■ 80.4292, 0.2737,
0.3126

■ 22.2663, 0.5019,
0.4113

■ 86.4662, 0.2747,
0.3234

■ 20.1361, 0.5269,
0.4093

■ 89.6862, 0.2752,
0.3289

■ 18.2869, 0.5484,
0.4027

Harmonies

Analogous

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



46.5299, 0.3294, 0.3344



46.5299, 0.3288, 0.3407



46.5299, 0.3238, 0.3439

Triad

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



46.5299, 0.3288, 0.3407



46.5299, 0.3001, 0.3310



46.5299, 0.3094, 0.3154

Complementary

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



46.5299, 0.3288, 0.3407



45.4114, 0.2974, 0.3170

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.



46.5299, 0.3016, 0.3144



46.5299, 0.3288, 0.3407



46.5299, 0.2963, 0.3232

Square

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



46.5299, 0.3288, 0.3407



46.5299, 0.3072, 0.3383



46.5299, 0.2969, 0.3172



46.5299, 0.3181, 0.3200

Rectangle

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



46.5299, 0.3288, 0.3407



46.5299, 0.3187, 0.3438



46.5299, 0.2969, 0.3172



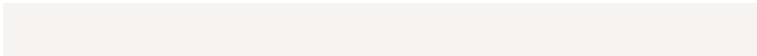
46.5299, 0.3066, 0.3146

Sweetspot

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



46.5319, 0.3288, 0.3407



90.4965, 0.3174, 0.3325



43.4095, 0.3213, 0.3160



19.7099, 0.3187, 0.3334



97.7402, 0.3127, 0.3290



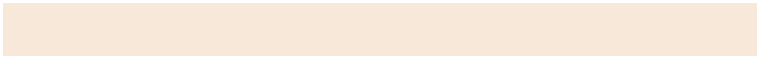
20.4902, 0.3127, 0.3290

Same Dimension

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



46.5319, 0.3288, 0.3407



82.4577, 0.3326, 0.3434



50.4359, 0.3275, 0.3525



10.2631, 0.3277, 0.3399



12.3158, 0.5463, 0.4044



0.6134, 0.5082, 0.4347

Inverse Universe

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



45.4114, 0.2974, 0.3170



80.0183, 0.2940, 0.3142



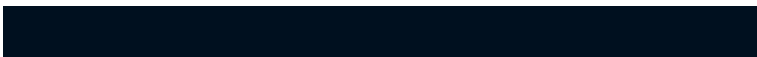
41.7361, 0.2973, 0.3044



10.0326, 0.2984, 0.3178



8.6689, 0.1801, 0.1682



0.4697, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 46.5299, 0.3288, 0.3407 looks on a white background.

Color Contrast Check

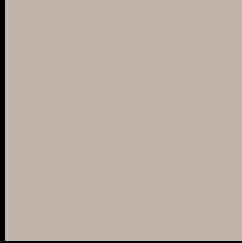
Large Text (above 18pt) WCAG AA × Fail

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 46.5299, 0.3288, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

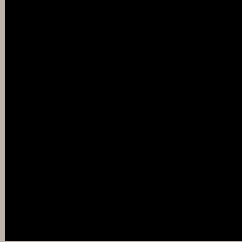
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5299, 0.3288, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 46.5299, 0.3288, 0.3407.

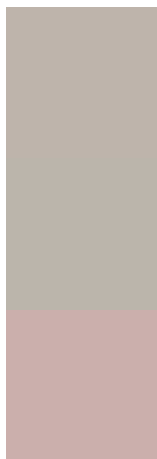


This preview shows how white text looks on a background with the Yxy color 46.5299, 0.3288, 0.3407.

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

46.5299, 0.3288, 0.3407

Protanopia

46.5528, 0.3260, 0.3421

Deuteranopia

46.3350, 0.3405, 0.3328



Tritanopia

46.5433, 0.3153, 0.3114

Trichromacy



Original Color

46.5299, 0.3288, 0.3407

Protanomaly

46.6794, 0.3269, 0.3420

Deuteranomaly

46.4286, 0.3356, 0.3354

Tritanomaly

46.5079, 0.3200, 0.3214

Monochromacy



Original Color

46.5299, 0.3288, 0.3407

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5764, 0.3186, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5299, 0.3288, 0.3407 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, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(190, 180, 171)  
}
```

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, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 180, 171) }
```

Border

The CSS property to change the border of an element to Yxy 46.5299, 0.3288, 0.3407 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, 180, 171) }
```

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

```
.border{ border-color:rgb(190, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 180, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 180, 171); box-shadow:4px 4px 4px 4px rgb(190, 180, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5299, 0.3288, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 180, 171) }
```

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

```
.background{ background-color: rgb(190,  
180, 171) }
```

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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