

Converting Colors

$Yxy(45.5439, 0.3277, 0.3500)$

Have a look what the booklet for
Yxy(45.5439, 0.3277, 0.3500)
contains.

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Color

Yxy(45.4264, 0.3275, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	B7B4A5
RGB	183, 180, 165
RGB Percent	72%, 71%, 65%
CMY	0.2824, 0.2941, 0.3528
CMYK	0.00, 0.02, 0.10, 0.28
HSL	50°, 11%, 68%
HSV	50°, 10%, 72%
XYZ	42.6401, 45.4264, 42.1324
YIQ	179.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

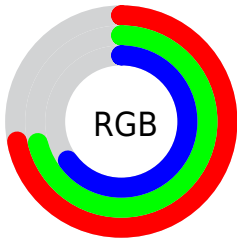
Format	Color
R_{YB}	169, 183, 165
Decimal	12039333
CIE Lab	73.17, -1.60, 8.00
CIE LCh	73, 8.161, 101.291
Yxy	45.4264, 0.3275, 0.3489
Android (android.graphics.Color)	4290229413 (0xFFB7B4A5)
YUV	179.1870, -6.9942, 3.3440
Hunter-Lab	67.3991, -5.0202, 10.1162

Details

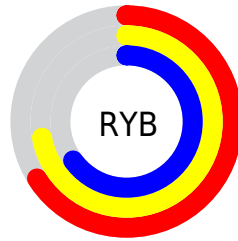
The Yxy color $45.4264, 0.3275, 0.3489$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $39.4284, 0.2977, 0.3083$, and the grayscale version is $45.2203, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.5089, 0.3248, 0.3455$, and $21.1168, 0.3321, 0.3546$ is the 20% darker color. If you saturate the color by 10%, you get $43.5977, 0.3435, 0.3699$, and if you desaturate by 10%, it is $47.3812, 0.3124, 0.3286$.

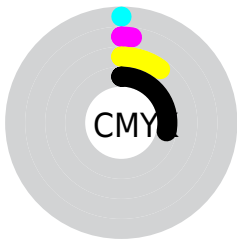
Distribution



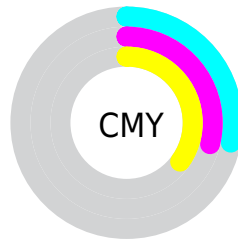
- Red (72%)
- Green (71%)
- Blue (65%)



- Red (66%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (28%)





- Cyan (28%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4264, 0.3275, 0.3489 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 45.4264, 0.3275, 0.3489 by changing the saturation by 10% instead.

 45.4264, 0.3275,
0.3489


 45.4264, 0.3275,
0.3489


368.4978, 0.3201,
0.3389

 31.7934, 0.3294,
0.3514


 83.3599, 0.3248,
0.3452

 21.2038, 0.3317,
0.3547

 108.4292, 0.3238,
0.3439

 13.2730, 0.3349,
0.3591


138.0794, 0.3229,
0.3427

 7.6168, 0.3394,
0.3653


172.6949, 0.3222,
0.3417

 3.8508, 0.3460,
0.3746

212.6601, 0.3216,
0.3409

 1.5904, 0.3570,
0.3903

258.3594, 0.3210,

 0.3511, 0.4563,

0.3401

0.5437

310.1771, 0.3205,
0.3395

0.0000, 0.0000,
0.0000

45.4264, 0.3275,
0.3489

45.4264, 0.3275,
0.3489

43.5977, 0.3435,
0.3699

47.3812, 0.3124,
0.3286

41.8850, 0.3602,
0.3911

49.4601, 0.2985,
0.3094

40.2857, 0.3772,
0.4119

51.6688, 0.2857,
0.2914

38.7951, 0.3939,
0.4314

54.0110, 0.2741,
0.2748

37.4078, 0.4098,
0.4486

56.3915, 0.2645,
0.2611

■ 36.1180, 0.4239,
0.4625

■ 57.7658, 0.2649,
0.2646

■ 34.9191, 0.4358,
0.4724

■ 59.1679, 0.2652,
0.2682

■ 33.8033, 0.4450,
0.4778

■ 60.5980, 0.2656,
0.2717

■ 32.7552, 0.4518,
0.4794

■ 62.0561, 0.2660,
0.2753

Harmonies

Analogous

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



45.4264, 0.3342, 0.3445



45.4264, 0.3275, 0.3489



45.4264, 0.3169, 0.3479

Triad

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



45.4264, 0.3275, 0.3489



45.4264, 0.2909, 0.3212



45.4264, 0.3199, 0.3170

Complementary

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



45.4264, 0.3275, 0.3489



39.4284, 0.2977, 0.3083

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.



45.4264, 0.3082, 0.3110



45.4264, 0.3275, 0.3489



45.4264, 0.2917, 0.3132

Square

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



45.4264, 0.3275, 0.3489



45.4264, 0.2959, 0.3316



45.4264, 0.2979, 0.3096



45.4264, 0.3297, 0.3261

Rectangle

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



45.4264, 0.3275, 0.3489



45.4264, 0.3091, 0.3441



45.4264, 0.2979, 0.3096



45.4264, 0.3160, 0.3146

Sweetspot

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



45.4284, 0.3275, 0.3489



83.7197, 0.3172, 0.3351



39.8147, 0.3270, 0.3250



18.4283, 0.3184, 0.3367



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.



45.4284, 0.3275, 0.3489



80.5763, 0.3312, 0.3539



45.9244, 0.3218, 0.3531



10.2431, 0.3268, 0.3479



22.9276, 0.4515, 0.4797



0.8764, 0.4419, 0.4873

Inverse Universe

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



39.4284, 0.2977, 0.3083



67.4277, 0.2938, 0.3029



38.9993, 0.3030, 0.3045



8.9536, 0.2984, 0.3093



3.1141, 0.1545, 0.0760



0.1850, 0.1661, 0.1179

Previews

White Background



This preview shows how the Yxy color 45.4264, 0.3275, 0.3489 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 45.4264, 0.3275, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

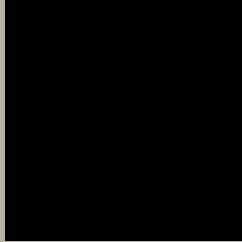
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

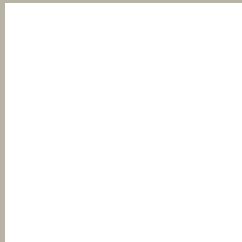
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.4264, 0.3275, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 45.4264, 0.3275, 0.3489.



This preview shows how white text looks on a background with the Yxy color 45.4264, 0.3275, 0.3489.

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

45.4264, 0.3275, 0.3489

Protanopia

45.3596, 0.3312, 0.3488

Deuteranopia

45.1969, 0.3453, 0.3379



Tritanopia

45.3332, 0.3110, 0.3111

Trichromacy



Original Color

45.4264, 0.3275, 0.3489

Protanomaly

45.2348, 0.3303, 0.3489

Deuteranomaly

45.4059, 0.3382, 0.3419

Tritanomaly

45.2196, 0.3173, 0.3238

Monochromacy



Original Color

45.4264, 0.3275, 0.3489

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9995, 0.3176, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4264, 0.3275, 0.3489 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, 180, 165)` looks like.

```
.text, #text, p{  
    color:rgb(183, 180, 165)  
}
```

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, 180, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 180, 165) }
```

Border

The CSS property to change the border of an element to Yxy 45.4264, 0.3275, 0.3489 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, 180, 165) }
```

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

```
.border{ border-color:rgb(183, 180, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 180, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 180, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 180, 165);  
box-shadow:4px 4px 4px 4px rgb(183, 180,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4264, 0.3275, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 180, 165) }
```

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

```
.background{ background-color: rgb(183,  
180, 165) }
```

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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