

Converting Colors

$Yxy(45.5975, 0.3319, 0.3419)$

Have a look what the booklet for
Yxy(45.5975, 0.3319, 0.3419)
contains.

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Color

Yxy(45.6151, 0.3316, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	BEB2A8
RGB	190, 178, 168
RGB Percent	75%, 70%, 66%
CMY	0.2549, 0.3020, 0.3411
CMYK	0.00, 0.06, 0.12, 0.25
HSL	27°, 14%, 70%
HSV	27°, 12%, 75%
XYZ	44.2280, 45.6151, 43.5344
YIQ	180.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

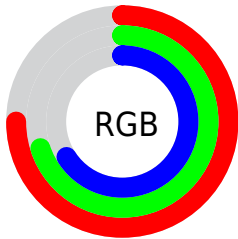
Format	Color
R_{YB}	190, 186, 168
Decimal	12497576
CIE Lab	73.30, 2.56, 6.62
CIE LCh	73, 7.096, 68.820
Yxy	45.6151, 0.3316, 0.3420
Android (android.graphics.Color)	4290687656 (0xFFBEB2A8)
YUV	180.4480, -6.1369, 8.3771
Hunter-Lab	67.5390, -1.3022, 9.0600

Details

The Yxy color $45.6151, 0.3316, 0.3420$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.7080, 0.2950, 0.3156$, and the grayscale version is $45.9274, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7662, 0.3279, 0.3402$, and $21.2466, 0.3378, 0.3450$ is the 20% darker color. If you saturate the color by 10%, you get $40.9818, 0.3506, 0.3539$, and if you desaturate by 10%, it is $50.6689, 0.3151, 0.3307$.

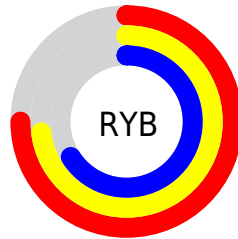
Distribution



Red (75%)

Green (70%)

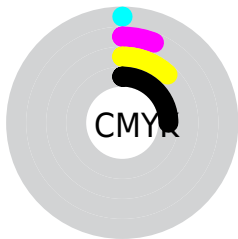
Blue (66%)



Red (75%)

Yellow (73%)

Blue (66%)

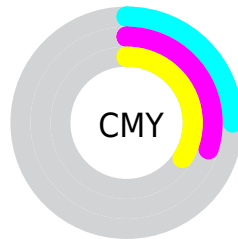


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (30%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6151, 0.3316, 0.3420 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 45.6151, 0.3316, 0.3420 by changing the saturation by 10% instead.


 45.6151, 0.3316,
0.3420


 45.6151, 0.3316,
0.3420


369.2591, 0.3221,
0.3355

 31.9422, 0.3340,
0.3436


 83.6427, 0.3281,
0.3397

 21.3174, 0.3371,
0.3457


 108.7661, 0.3268,
0.3388

 13.3562, 0.3412,
0.3484


138.4752, 0.3257,
0.3380

 7.6743, 0.3470,
0.3522

173.1543, 0.3248,
0.3374

 3.8872, 0.3558,
0.3579

213.1879, 0.3240,
0.3368

 1.6107, 0.3706,
0.3671

258.9603, 0.3233,

 0.3648, 0.5288,

0.3363

0.4712

310.8559, 0.3227,
0.3359

0.0000, 0.0000,
0.0000

45.6151, 0.3316,
0.3420

45.6151, 0.3316,
0.3420

40.9818, 0.3506,
0.3539

50.6689, 0.3151,
0.3307

36.7516, 0.3723,
0.3662

56.1480, 0.3008,
0.3202

32.9146, 0.3967,
0.3783

62.0648, 0.2885,
0.3104

29.4582, 0.4237,
0.3895

68.4294, 0.2778,
0.3015

26.3690, 0.4525,
0.3989

74.7229, 0.2727,
0.3016

■ 23.6327, 0.4821,
0.4052

■ 80.6747, 0.2738,
0.3131

■ 21.2335, 0.5106,
0.4072

■ 86.9767, 0.2748,
0.3243

■ 19.1542, 0.5360,
0.4039

■ 89.6888, 0.2752,
0.3289

■ 17.6284, 0.5546,
0.3978

Harmonies

Analogous

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



45.6151, 0.3319, 0.3345



45.6151, 0.3316, 0.3420



45.6151, 0.3262, 0.3461

Triad

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



45.6151, 0.3316, 0.3420



45.6151, 0.2987, 0.3321



45.6151, 0.3080, 0.3131

Complementary

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



45.6151, 0.3316, 0.3420



44.7080, 0.2950, 0.3156

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.



45.6151, 0.2993, 0.3122



45.6151, 0.3316, 0.3420



45.6151, 0.2940, 0.3230

Square

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



45.6151, 0.3316, 0.3420



45.6151, 0.3071, 0.3404



45.6151, 0.2942, 0.3158



45.6151, 0.3181, 0.3180

Rectangle

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



45.6151, 0.3316, 0.3420



45.6151, 0.3205, 0.3463



45.6151, 0.2942, 0.3158



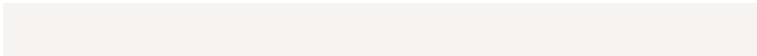
45.6151, 0.3048, 0.3123

Sweetspot

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



45.6171, 0.3316, 0.3420



90.4022, 0.3174, 0.3323



42.2662, 0.3225, 0.3134



19.6838, 0.3187, 0.3332



97.7402, 0.3127, 0.3290



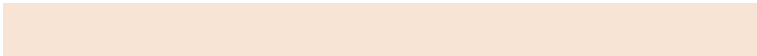
20.4902, 0.3127, 0.3290

Same Dimension

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



45.6171, 0.3316, 0.3420



80.3468, 0.3364, 0.3451



50.1351, 0.3299, 0.3558



10.2296, 0.3277, 0.3394



11.8729, 0.5525, 0.3995



0.5958, 0.5126, 0.4312

Inverse Universe

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



44.7080, 0.2950, 0.3156



78.3575, 0.2908, 0.3123



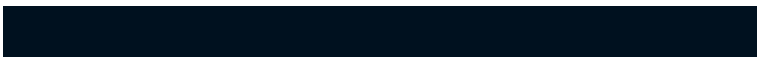
40.4714, 0.2947, 0.3007



10.0663, 0.2984, 0.3183



9.1947, 0.1821, 0.1755



0.4893, 0.1933, 0.2158

Previews

White Background



This preview shows how the Yxy color 45.6151, 0.3316, 0.3420 looks on a white background.

Color Contrast Check

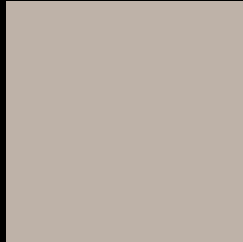
Large Text (above 18pt) WCAG AA × Fail

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 45.6151, 0.3316, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

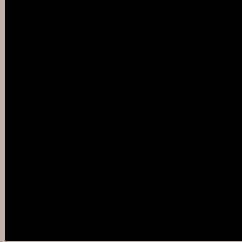
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

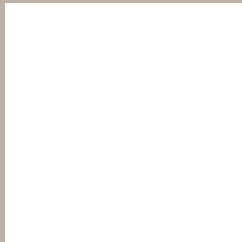
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6151, 0.3316, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 45.6151, 0.3316, 0.3420.

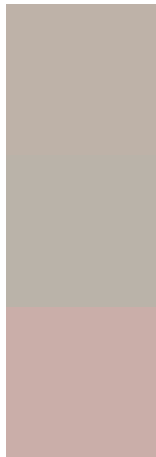


This preview shows how white text looks on a background with the Yxy color 45.6151, 0.3316, 0.3420.

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

45.6151, 0.3316, 0.3420

Protanopia

45.5439, 0.3270, 0.3422

Deuteranopia

45.6932, 0.3424, 0.3354



Tritanopia

45.6715, 0.3171, 0.3114

Trichromacy



Original Color

45.6151, 0.3316, 0.3420

Protanomaly

45.6696, 0.3279, 0.3421

Deuteranomaly

45.5303, 0.3386, 0.3367

Tritanomaly

45.5933, 0.3227, 0.3226

Monochromacy



Original Color

45.6151, 0.3316, 0.3420

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5651, 0.3195, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6151, 0.3316, 0.3420 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, 178, 168)` looks like.

```
.text, #text, p{  
    color:rgb(190, 178, 168)  
}
```

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, 178, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 178, 168) }
```

Border

The CSS property to change the border of an element to Yxy 45.6151, 0.3316, 0.3420 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, 178, 168) }
```

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

```
.border{ border-color:rgb(190, 178, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 178, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 178, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 178, 168);  
box-shadow:4px 4px 4px 4px rgb(190, 178,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6151, 0.3316, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 178, 168) }
```

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

```
.background{ background-color: rgb(190,  
178, 168) }
```

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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