

Converting Colors

$Yxy(52.2835, 0.3339, 0.3377)$

Have a look what the booklet for
Yxy(52.2835, 0.3339, 0.3377)
contains.

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Color

Yxy(52.4244, 0.3334, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	CEBCB5
RGB	206, 188, 181
RGB Percent	81%, 74%, 71%
CMY	0.1922, 0.2627, 0.2903
CMYK	0.00, 0.09, 0.12, 0.19
HSL	17°, 20%, 76%
HSV	17°, 12%, 81%
XYZ	51.7722, 52.4244, 51.0889
YIQ	192.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

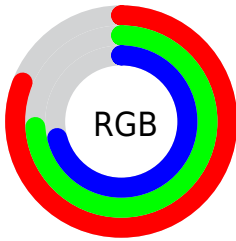
Format	Color
R _Y B	206, 191, 181
Decimal	13548725
CIE Lab	77.53, 5.18, 5.85
CIE LCh	78, 7.814, 48.505
Yxy	52.4244, 0.3334, 0.3376
Android (android.graphics.Color)	4291738805 (0xFFCEBCB5)
YUV	192.5840, -5.7109, 11.7658
Hunter-Lab	72.4047, 0.9263, 8.8481

Details

The Yxy color $52.4244, 0.3334, 0.3376$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.0978, 0.2941, 0.3202$, and the grayscale version is $53.0994, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.0758, 0.3242, 0.3358$, and $25.5619, 0.3397, 0.3405$ is the 20% darker color. If you saturate the color by 10%, you get $45.6396, 0.3540, 0.3452$, and if you desaturate by 10%, it is $59.9874, 0.3161, 0.3305$.

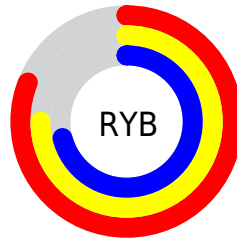
Distribution



Red (81%)

Green (74%)

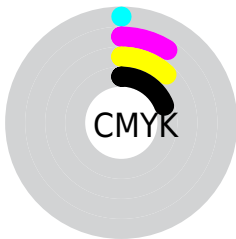
Blue (71%)



Red (81%)

Yellow (75%)

Blue (71%)

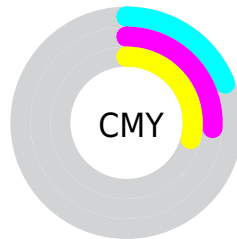


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (19%)



Cyan (19%)

Magenta (26%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4244, 0.3334, 0.3376 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 52.4244, 0.3334, 0.3376 by changing the saturation by 10% instead.

 52.4244, 0.3334,
0.3376

 52.4244, 0.3334,
0.3376


396.0728, 0.3232,
0.3335

 37.3435, 0.3359,
0.3386


 93.7568, 0.3297,
0.3361

 25.4735, 0.3391,
0.3398

120.7771, 0.3283,
0.3356

 16.4302, 0.3433,
0.3414


152.5460, 0.3272,
0.3351

 9.8291, 0.3491,
0.3436

189.4479, 0.3262,
0.3347

 5.2858, 0.3575,
0.3466

231.8671, 0.3253,
0.3343

 2.4159, 0.3710,
0.3513

280.1880, 0.3245,

 0.8341, 0.4087,

0.3340

0.3699

334.7952, 0.3238,
0.3337

0.0000, 0.0000,
0.0000

52.4244, 0.3334,
0.3376

52.4244, 0.3334,
0.3376

45.6396, 0.3540,
0.3452

59.9874, 0.3161,
0.3305

39.6011, 0.3785,
0.3530

68.3454, 0.3015,
0.3239

34.2850, 0.4071,
0.3606

77.5235, 0.2893,
0.3178

29.6634, 0.4399,
0.3675

86.9928, 0.2833,
0.3208

25.7067, 0.4761,
0.3726

91.8602, 0.2838,
0.3289

■ 22.3827, 0.5140,
0.3750

■ 19.6566, 0.5506,
0.3734

■ 17.4896, 0.5820,
0.3673

■ 16.1447, 0.6018,
0.3604

Harmonies

Analogous

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



52.4244, 0.3299, 0.3286



52.4244, 0.3334, 0.3376



52.4244, 0.3313, 0.3445

Triad

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



52.4244, 0.3334, 0.3376



52.4244, 0.3037, 0.3384



52.4244, 0.3012, 0.3111

Complementary

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



52.4244, 0.3334, 0.3376



55.0978, 0.2941, 0.3202

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.



52.4244, 0.2944, 0.3134



52.4244, 0.3334, 0.3376



52.4244, 0.2958, 0.3291

Square

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



52.4244, 0.3334, 0.3376



52.4244, 0.3140, 0.3452



52.4244, 0.2925, 0.3199



52.4244, 0.3112, 0.3135

Rectangle

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



52.4244, 0.3334, 0.3376



52.4244, 0.3270, 0.3470



52.4244, 0.2925, 0.3199



52.4244, 0.2985, 0.3114

Sweetspot

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



52.4267, 0.3334, 0.3376



94.7732, 0.3191, 0.3318



50.2937, 0.3194, 0.3071



20.0800, 0.3204, 0.3323



0.0000, 0.0000, 0.0000



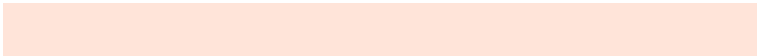
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4267, 0.3334, 0.3376



81.4782, 0.3393, 0.3399



57.8337, 0.3316, 0.3520



11.7193, 0.3283, 0.3356



10.0857, 0.5992, 0.3624



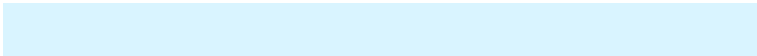
0.6509, 0.5598, 0.3937

Inverse Universe

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



55.0978, 0.2941, 0.3202



86.7751, 0.2894, 0.3179



49.7346, 0.2938, 0.3049



12.1724, 0.2983, 0.3223



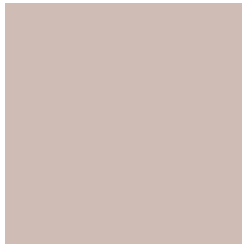
15.9598, 0.1988, 0.2356



0.9478, 0.2044, 0.2560

Previews

White Background



This preview shows how the Yxy color 52.4244, 0.3334, 0.3376 looks on a white background.

Color Contrast Check

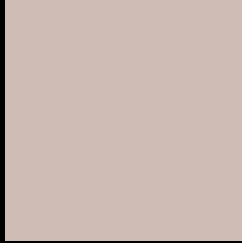
Large Text (above 18pt) WCAG AA × Fail

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 52.4244, 0.3334, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

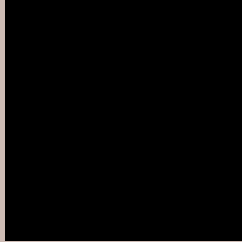
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4244, 0.3334, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 52.4244, 0.3334, 0.3376.



This preview shows how white text looks on a background with the Yxy color 52.4244, 0.3334, 0.3376.

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

52.4244, 0.3334, 0.3376

Protanopia

52.5508, 0.3238, 0.3389

Deuteranopia

52.3715, 0.3400, 0.3326



Tritanopia

52.4234, 0.3211, 0.3113

Trichromacy



Original Color

52.4244, 0.3334, 0.3376

Protanomaly

52.4837, 0.3272, 0.3389

Deuteranomaly

52.3441, 0.3372, 0.3339

Tritanomaly

52.3780, 0.3257, 0.3207

Monochromacy



Original Color

52.4244, 0.3334, 0.3376

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.9415, 0.3200, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4244, 0.3334, 0.3376 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(206, 188, 181)` looks like.

```
.text, #text, p{  
    color:rgb(206, 188, 181)  
}
```

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(206, 188, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 188, 181) }
```

Border

The CSS property to change the border of an element to Yxy 52.4244, 0.3334, 0.3376 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(206, 188, 181) }
```

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

```
.border{ border-color:rgb(206, 188, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 188, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 188, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 188, 181);  
box-shadow:4px 4px 4px 4px rgb(206, 188,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4244, 0.3334, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 188, 181) }
```

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

```
.background{ background-color: rgb(206,  
188, 181) }
```

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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