

Converting Colors

$Yxy(47.6654, 0.3321, 0.3452)$

Have a look what the booklet for
Yxy(47.6654, 0.3321, 0.3452)
contains.

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Color

Yxy(47.6579, 0.3328, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	C1B6A9
RGB	193, 182, 169
RGB Percent	76%, 71%, 66%
CMY	0.2432, 0.2862, 0.3372
CMYK	0.00, 0.06, 0.12, 0.24
HSL	33°, 16%, 71%
HSV	33°, 12%, 76%
XYZ	45.8795, 47.6579, 44.3217
YIQ	183.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

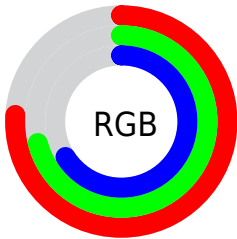
Format	Color
RYB	189, 193, 169
Decimal	12695209
CIELab	74.61, 1.67, 8.00
CIElCh	75, 8.170, 78.235
Yxy	47.6579, 0.3328, 0.3457
Android (android.graphics.Color)	4290885289 (0xFFC1B6A9)
YUV	183.8070, -7.2999, 8.0623
Hunter-Lab	69.0347, -2.1821, 10.2589

Details

The Yxy color $47.6579, 0.3328, 0.3457$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.9235, 0.2936, 0.3117$, and the grayscale version is $47.8577, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.8549, 0.3296, 0.3430$, and $22.4738, 0.3381, 0.3500$ is the 20% darker color. If you saturate the color by 10%, you get $43.4818, 0.3513, 0.3599$, and if you desaturate by 10%, it is $52.1736, 0.3164, 0.3322$.

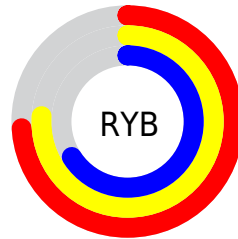
Distribution



Red (76%)

Green (71%)

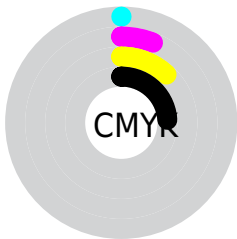
Blue (66%)



Red (74%)

Yellow (76%)

Blue (66%)

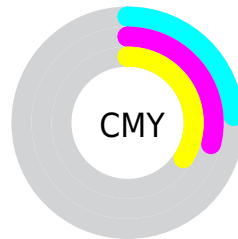


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (29%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6579, 0.3328, 0.3457 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 47.6579, 0.3328, 0.3457 by changing the saturation by 10% instead.


 47.6579, 0.3328,
0.3457

 47.6579, 0.3328,
0.3457


377.4345, 0.3228,
0.3374

 33.5561, 0.3353,
0.3477


 86.6948, 0.3292,
0.3427

 22.5528, 0.3385,
0.3504


112.3987, 0.3278,
0.3416

 14.2636, 0.3428,
0.3538


142.7387, 0.3266,
0.3406

 8.3042, 0.3487,
0.3586

178.0992, 0.3256,
0.3398

 4.2902, 0.3576,
0.3657

218.8647, 0.3248,
0.3391

 1.8372, 0.3722,
0.3771

265.4195, 0.3240,

 0.5102, 0.5074,

0.3385

0.4926

318.1479, 0.3234,
0.3379

0.0000, 0.0000,
0.0000

47.6579, 0.3328,
0.3457

47.6579, 0.3328,
0.3457

43.4818, 0.3513,
0.3599

52.1736, 0.3164,
0.3322

39.6301, 0.3720,
0.3744

57.0311, 0.3020,
0.3195

36.0956, 0.3948,
0.3887

62.2404, 0.2893,
0.3077

32.8685, 0.4193,
0.4019

67.8095, 0.2782,
0.2968

29.9382, 0.4448,
0.4131

73.0507, 0.2741,
0.2976

■ 27.2934, 0.4702,
0.4210

■ 77.9860, 0.2749,
0.3074

■ 24.9214, 0.4941,
0.4244

■ 83.1727, 0.2757,
0.3170

■ 22.8081, 0.5149,
0.4226

■ 88.6143, 0.2766,
0.3265

■ 21.3627, 0.5288,
0.4183

■ 90.0755, 0.2768,
0.3289

Harmonies

Analogous

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



47.6579, 0.3350, 0.3382



47.6579, 0.3328, 0.3457



47.6579, 0.3251, 0.3489

Triad

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



47.6579, 0.3328, 0.3457



47.6579, 0.2946, 0.3292



47.6579, 0.3109, 0.3123

Complementary

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



47.6579, 0.3328, 0.3457



44.9235, 0.2936, 0.3117

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.



47.6579, 0.3002, 0.3097



47.6579, 0.3328, 0.3457



47.6579, 0.2909, 0.3192

Square

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



47.6579, 0.3328, 0.3457



47.6579, 0.3030, 0.3393



47.6579, 0.2929, 0.3122



47.6579, 0.3223, 0.3191

Rectangle

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



47.6579, 0.3328, 0.3457



47.6579, 0.3180, 0.3479



47.6579, 0.2929, 0.3122



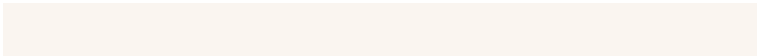
47.6579, 0.3071, 0.3109

Sweetspot

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



47.6600, 0.3328, 0.3457



92.0917, 0.3189, 0.3343



43.0190, 0.3251, 0.3147



19.6221, 0.3201, 0.3353



97.7402, 0.3127, 0.3290



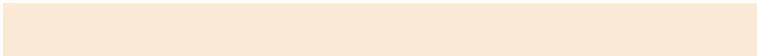
20.4902, 0.3127, 0.3290

Same Dimension

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



47.6600, 0.3328, 0.3457



83.2092, 0.3378, 0.3496



52.2293, 0.3304, 0.3594



10.9623, 0.3276, 0.3415



14.3727, 0.5270, 0.4198



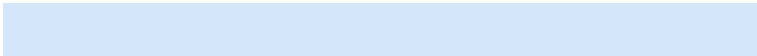
0.7575, 0.4967, 0.4438

Inverse Universe

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



44.9235, 0.2936, 0.3117



77.3135, 0.2891, 0.3075



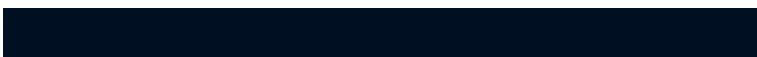
40.7546, 0.2939, 0.2969



10.4908, 0.2984, 0.3162



7.3991, 0.1739, 0.1458



0.4573, 0.1858, 0.1888

Previews

White Background



This preview shows how the Yxy color 47.6579, 0.3328, 0.3457 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 47.6579, 0.3328, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

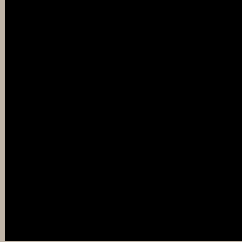
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

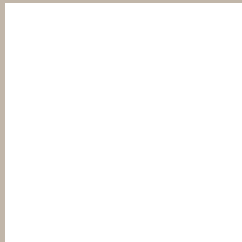
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6579, 0.3328, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 47.6579, 0.3328, 0.3457.

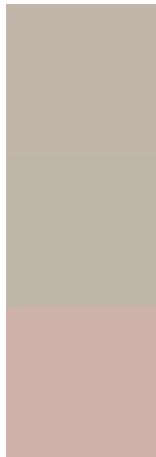


This preview shows how white text looks on a background with the Yxy color 47.6579, 0.3328, 0.3457.

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

47.6579, 0.3328, 0.3457

Protanopia

47.6787, 0.3300, 0.3471

Deuteranopia

47.4684, 0.3446, 0.3378



Tritanopia

47.8262, 0.3161, 0.3116

Trichromacy



Original Color

47.6579, 0.3328, 0.3457

Protanomaly

47.8079, 0.3309, 0.3471

Deuteranomaly

47.5600, 0.3397, 0.3404

Tritanomaly

47.7053, 0.3225, 0.3240

Monochromacy



Original Color

47.6579, 0.3328, 0.3457

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6864, 0.3193, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6579, 0.3328, 0.3457 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(193, 182, 169)` looks like.

```
.text, #text, p{  
    color:rgb(193, 182, 169)  
}
```

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(193, 182, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 182, 169) }
```

Border

The CSS property to change the border of an element to Yxy 47.6579, 0.3328, 0.3457 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(193, 182, 169) }
```

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

```
.border{ border-color:rgb(193, 182, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 182, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 182, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 182, 169);  
box-shadow:4px 4px 4px 4px rgb(193, 182,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6579, 0.3328, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 182, 169) }
```

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

```
.background{ background-color: rgb(193,  
182, 169) }
```

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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