

Converting Colors

$Yxy(47.6115, 0.3392, 0.3588)$

Have a look what the booklet for
Yxy(47.6115, 0.3392, 0.3588)
contains.

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Color

Yxy(47.6115, 0.3392, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	C0B7A0
RGB	192, 183, 160
RGB Percent	75%, 72%, 63%
CMY	0.2472, 0.2823, 0.3726
CMYK	0.00, 0.05, 0.17, 0.25
HSL	43°, 20%, 69%
HSV	43°, 17%, 75%
XYZ	45.0106, 47.6115, 40.0743
YIQ	183.0690, 12.7470, -5.2450

Conversions

Conversions Part 2

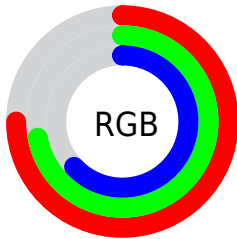
Format	Color
RYB	173, 192, 160
Decimal	12629920
CIELab	74.58, -0.70, 12.84
CIELCh	75, 12.862, 93.116
Yxy	47.6115, 0.3392, 0.3588
Android (android.graphics.Color)	4290820000 (0xFFC0B7A0)
YUV	183.0690, -11.3730, 7.8325
Hunter-Lab	69.0011, -4.3131, 13.8664

Details

The Yxy color $47.6115, 0.3392, 0.3588$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $39.6361, 0.2864, 0.2973$, and the grayscale version is $47.4509, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7790, 0.3346, 0.3532$, and $22.4512, 0.3469, 0.3679$ is the 20% darker color. If you saturate the color by 10%, you get $44.8169, 0.3569, 0.3775$, and if you desaturate by 10%, it is $50.5988, 0.3228, 0.3406$.

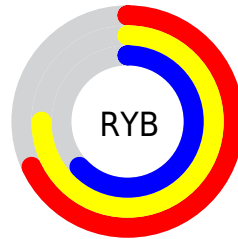
Distribution



Red (75%)

Green (72%)

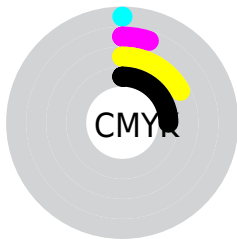
Blue (63%)



Red (68%)

Yellow (75%)

Blue (63%)

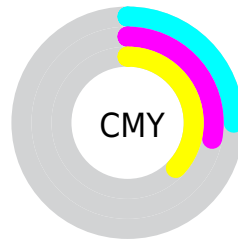


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (28%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6115, 0.3392, 0.3588 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 47.6115, 0.3392, 0.3588 by changing the saturation by 10% instead.

 47.6115, 0.3392,
0.3588


 47.6115, 0.3392,
0.3588


377.2501, 0.3260,
0.3439

 33.5193, 0.3425,
0.3625


 86.6257, 0.3344,
0.3534

 22.5246, 0.3466,
0.3672


 112.3165, 0.3326,
0.3514

 14.2429, 0.3522,
0.3735


142.6423, 0.3311,
0.3497

 8.2898, 0.3598,
0.3822

177.9875, 0.3298,
0.3482

 4.2809, 0.3709,
0.3950

218.7365, 0.3287,
0.3469

 1.8319, 0.3890,
0.4159

265.2737, 0.3277,

 0.5069, 0.4783,

0.3458

0.5217

317.9834, 0.3268,
0.3448

0.0000, 0.0000,
0.0000

47.6115, 0.3392,
0.3588

47.6115, 0.3392,
0.3588

44.8169, 0.3569,
0.3775

50.5988, 0.3228,
0.3406

42.2029, 0.3756,
0.3961

53.7779, 0.3079,
0.3233

39.7657, 0.3950,
0.4139

57.1559, 0.2943,
0.3071

37.4987, 0.4144,
0.4301

60.7376, 0.2822,
0.2920

35.3947, 0.4330,
0.4434

64.4642, 0.2719,
0.2791

■ 33.4458, 0.4500,
0.4529

■ 67.1620, 0.2724,
0.2852

■ 31.6430, 0.4644,
0.4579

■ 69.9498, 0.2729,
0.2913

■ 29.9743, 0.4759,
0.4580

■ 72.8284, 0.2735,
0.2973

■ 29.4386, 0.4794,
0.4575

■ 75.7988, 0.2740,
0.3033

Harmonies

Analogous

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



47.6115, 0.3474, 0.3497



47.6115, 0.3392, 0.3588



47.6115, 0.3239, 0.3599

Triad

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



47.6115, 0.3392, 0.3588



47.6115, 0.2804, 0.3209



47.6115, 0.3188, 0.3075

Complementary

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



47.6115, 0.3392, 0.3588



39.6361, 0.2864, 0.2973

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.



47.6115, 0.3009, 0.3001



47.6115, 0.3392, 0.3588



47.6115, 0.2791, 0.3072

Square

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



47.6115, 0.3392, 0.3588



47.6115, 0.2901, 0.3375



47.6115, 0.2865, 0.2998



47.6115, 0.3355, 0.3203

Rectangle

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



47.6115, 0.3392, 0.3588



47.6115, 0.3119, 0.3556



47.6115, 0.2865, 0.2998



47.6115, 0.3127, 0.3043

Sweetspot

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



47.6136, 0.3392, 0.3588



92.5992, 0.3204, 0.3378



39.2104, 0.3354, 0.3172



19.7801, 0.3215, 0.3391



97.7402, 0.3127, 0.3290



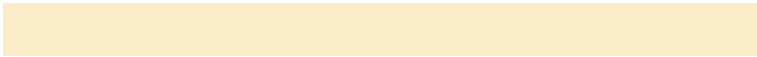
20.4902, 0.3127, 0.3290

Same Dimension

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



47.6136, 0.3392, 0.3588



84.4069, 0.3455, 0.3656



50.5429, 0.3315, 0.3706



11.2660, 0.3271, 0.3455



19.9531, 0.4785, 0.4583



0.9736, 0.4625, 0.4710

Inverse Universe

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



39.6361, 0.2864, 0.2973



67.2154, 0.2802, 0.2895



37.1532, 0.2919, 0.2854



10.1970, 0.2984, 0.3119



4.4370, 0.1603, 0.0969



0.3122, 0.1731, 0.1432

Previews

White Background



This preview shows how the Yxy color 47.6115, 0.3392, 0.3588 looks on a white background.

Color Contrast Check

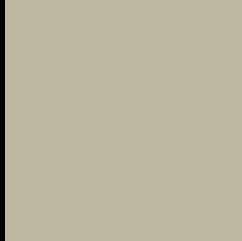
Large Text (above 18pt) WCAG AA × Fail

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 47.6115, 0.3392, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

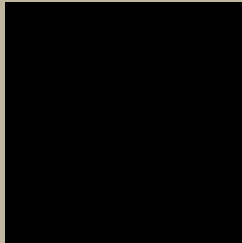
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

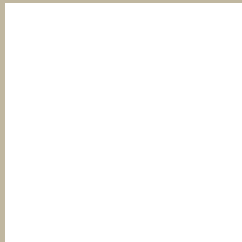
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6115, 0.3392, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 47.6115, 0.3392, 0.3588.



This preview shows how white text looks on a background with the Yxy color 47.6115, 0.3392, 0.3588.

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

47.6115, 0.3392, 0.3588

Protanopia

47.6115, 0.3392, 0.3588

Deuteranopia

47.5728, 0.3553, 0.3489



Tritanopia

47.3823, 0.3170, 0.3116

Trichromacy



Original Color

47.6115, 0.3392, 0.3588

Protanomaly

47.6115, 0.3392, 0.3588

Deuteranomaly

47.5099, 0.3493, 0.3517

Tritanomaly

47.5399, 0.3258, 0.3290

Monochromacy



Original Color

47.6115, 0.3392, 0.3588

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4012, 0.3216, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6115, 0.3392, 0.3588 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(192, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 183, 160)  
}
```

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(192, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 183, 160) }
```

Border

The CSS property to change the border of an element to Yxy 47.6115, 0.3392, 0.3588 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(192, 183, 160) }
```

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

```
.border{ border-color:rgb(192, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 183,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6115, 0.3392, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 183, 160) }
```

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

```
.background{ background-color: rgb(192,  
183, 160) }
```

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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