

Converting Colors

$Y_{xy}(30.8921, 0.3762, 0.2939)$

Have a look what the booklet for
Yxy(30.8921, 0.3762, 0.2939)
contains.

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Color

Yxy(30.9552, 0.3750, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	D07F9B
RGB	208, 127, 155
RGB Percent	82%, 50%, 61%
CMY	0.1844, 0.5019, 0.3922
CMYK	0.00, 0.39, 0.25, 0.18
HSL	339°, 46%, 66%
HSV	339°, 39%, 82%
XYZ	39.5106, 30.9552, 34.8957
YIQ	154.4110, 39.2880, 25.8800

Conversions

Conversions Part 2

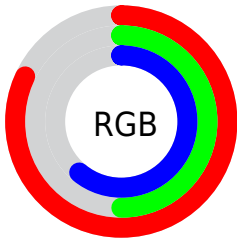
Format	Color
R _Y B	208, 127, 155
Decimal	13664155
CIE Lab	62.47, 34.93, -1.57
CIE LCh	62, 34.963, 357.418
Yxy	30.9552, 0.3750, 0.2938
Android (android.graphics.Color)	4291854235 (0xFFD07F9B)
YUV	154.4110, 0.2904, 46.9976
Hunter-Lab	55.6374, 29.3952, 1.7596

Details

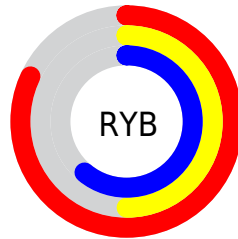
The Yxy color **30.9552, 0.3750, 0.2938** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **52.9062, 0.2751, 0.3680**, and the grayscale version is **32.4918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9112, 0.3530, 0.3002**, and **12.8438, 0.3963, 0.2823** is the 20% darker color. If you saturate the color by 10%, you get **25.6947, 0.3997, 0.2851**, and if you desaturate by 10%, it is **37.3789, 0.3543, 0.3031**.

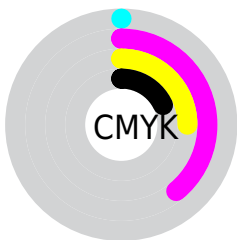
Distribution



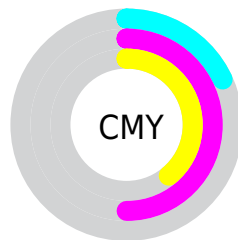
- Red (82%)
- Green (50%)
- Blue (61%)



- Red (82%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.9552, 0.3750, 0.2938 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 30.9552, 0.3750, 0.2938 by changing the saturation by 10% instead.


 30.9552, 0.3750,
0.2938


 30.9552, 0.3750,
0.2938


306.3319, 0.3419,
0.3124

 20.5647, 0.3840,
0.2888


 61.1695, 0.3625,
0.3008

 12.8062, 0.3959,
0.2822


 81.7622, 0.3579,
0.3034

 7.2952, 0.4126,
0.2730


 106.5244, 0.3541,
0.3055

 3.6474, 0.4375,
0.2594

135.8405, 0.3509,
0.3073

 1.4784, 0.4784,
0.2374

170.0949, 0.3482,
0.3089

 0.2734, 0.6265,
0.1499

209.6720, 0.3458,

 0.0000, 1.0000,

0.3102

0.0000

254.9562, 0.3437,
0.3114

0.0000, 0.0000,
0.0000

30.9552, 0.3750,
0.2938

30.9552, 0.3750,
0.2938

25.6947, 0.3997,
0.2851

37.3789, 0.3543,
0.3031

21.5227, 0.4283,
0.2779

45.0259, 0.3371,
0.3124

18.3624, 0.4604,
0.2734


53.9573, 0.3231,
0.3214


16.1251, 0.4944,
0.2728


64.2289, 0.3116,
0.3299


14.7066, 0.5279,
0.2770


75.8931, 0.3022,
0.3377

 13.9392, 0.5583,
0.2857

 88.9996, 0.2945,
0.3449

 13.8711, 0.5615,
0.2867

 91.8449, 0.2874,
0.3338

 92.1454, 0.2849,
0.3289

Harmonies

Analogous

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



30.9552, 0.3188, 0.2610



30.9552, 0.3750, 0.2938



30.9552, 0.4149, 0.3354

Triad

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



30.9552, 0.3750, 0.2938



30.9552, 0.3540, 0.4312



30.9552, 0.2125, 0.2655

Complementary

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



30.9552, 0.3750, 0.2938



52.9062, 0.2751, 0.3680

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.



30.9552, 0.2199, 0.3089



30.9552, 0.3750, 0.2938



30.9552, 0.2991, 0.4136

Square

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



30.9552, 0.3750, 0.2938



30.9552, 0.4002, 0.4152



30.9552, 0.2504, 0.3654



30.9552, 0.2283, 0.2436

Rectangle

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



30.9552, 0.3750, 0.2938



30.9552, 0.4245, 0.3647



30.9552, 0.2504, 0.3654



30.9552, 0.2124, 0.2777

Sweetspot

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



30.9567, 0.3750, 0.2938



80.7830, 0.3273, 0.3186



29.3978, 0.2891, 0.2254



16.8837, 0.3291, 0.3174



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.



30.9567, 0.3750, 0.2938



41.7862, 0.3961, 0.2862



33.4519, 0.4029, 0.3448



11.8747, 0.3237, 0.3210



8.6647, 0.5578, 0.2846



0.4993, 0.5061, 0.2562

Inverse Universe

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



30.9567, 0.3750, 0.2938



41.7862, 0.3961, 0.2862



48.4685, 0.2567, 0.3123



11.8747, 0.3237, 0.3210



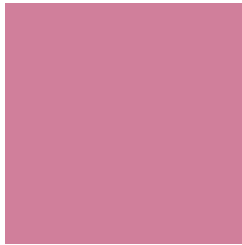
8.6647, 0.5578, 0.2846



0.4993, 0.5061, 0.2562

Previews

White Background



This preview shows how the Yxy color 30.9552, 0.3750, 0.2938 looks on a white background.

Color Contrast Check

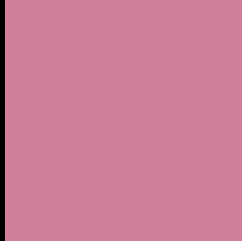
Large Text (above 18pt) WCAG AA × Fail

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 30.9552, 0.3750, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

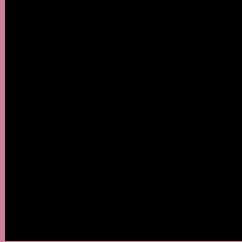
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9552, 0.3750, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 30.9552, 0.3750, 0.2938.



This preview shows how white text looks on a background with the Yxy color 30.9552, 0.3750, 0.2938.

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

30.9552, 0.3750, 0.2938

Protanopia

31.0668, 0.2944, 0.3003

Deuteranopia

31.2414, 0.3277, 0.3217



Tritanopia

30.9512, 0.3910, 0.3176

Trichromacy



Original Color

30.9552, 0.3750, 0.2938

Protanomaly

30.5724, 0.3205, 0.2974

Deuteranomaly

30.8798, 0.3440, 0.3108

Tritanomaly

31.0102, 0.3852, 0.3088

Monochromacy



Original Color

30.9552, 0.3750, 0.2938

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.2783, 0.3346, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9552, 0.3750, 0.2938 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(208, 127, 155)` looks like.

```
.text, #text, p{  
    color:rgb(208, 127, 155)  
}
```

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(208, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 127, 155) }
```

Border

The CSS property to change the border of an element to Yxy 30.9552, 0.3750, 0.2938 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(208, 127, 155) }
```

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

```
.border{ border-color:rgb(208, 127, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 127, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 127, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 127, 155);  
box-shadow:4px 4px 4px 4px rgb(208, 127,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9552, 0.3750, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 127, 155) }
```

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

```
.background{ background-color: rgb(208,  
127, 155) }
```

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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