

Converting Colors

$Y_{xy}(30.1367, 0.3512, 0.2650)$

Have a look what the booklet for
Yxy(30.1367, 0.3512, 0.2650)
contains.

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Color

Yxy(30.2010, 0.3504, 0.2652)

Conversions

Conversions Part 1

Format	Color
Hex	CD7BAE
RGB	205, 123, 174
RGB Percent	80%, 48%, 68%
CMY	0.1960, 0.5177, 0.3176
CMYK	0.00, 0.40, 0.15, 0.20
HSL	323°, 45%, 64%
HSV	323°, 40%, 80%
XYZ	39.9036, 30.2010, 43.7755
YIQ	153.3320, 32.5010, 33.2450

Conversions

Conversions Part 2

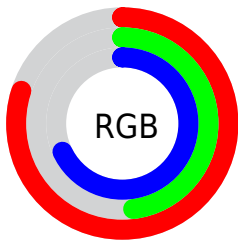
Format	Color
R _Y B	205, 123, 174
Decimal	13466542
CIE Lab	61.83, 38.93, -13.43
CIE LCh	62, 41.181, 340.971
Yxy	30.2010, 0.3504, 0.2652
Android (android.graphics.Color)	4291656622 (0xFFCD7BAE)
YUV	153.3320, 10.1893, 45.3128
Hunter-Lab	54.9554, 33.4383, -8.7595

Details

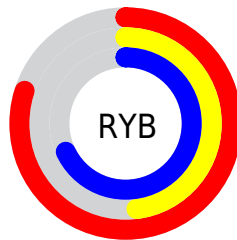
The Yxy color **30.2010, 0.3504, 0.2652** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.2139, 0.2880, 0.4036**, and the grayscale version is **31.9522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4175, 0.3360, 0.2755**, and **12.4294, 0.3608, 0.2461** is the 20% darker color. If you saturate the color by 10%, you get **25.3441, 0.3639, 0.2500**, and if you desaturate by 10%, it is **36.1432, 0.3386, 0.2814**.

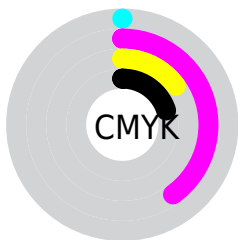
Distribution



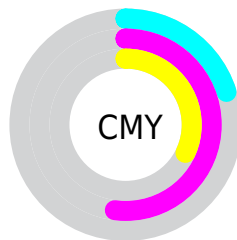
- Red (80%)
- Green (48%)
- Blue (68%)



- Red (80%)
- Yellow (48%)
- Blue (68%)



- Cyan (0%)
- Magenta (40%)
- Yellow (15%)
- Black (20%)




- Cyan (20%)
- Magenta (52%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2010, 0.3504, 0.2652 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 30.2010, 0.3504, 0.2652 by changing the saturation by 10% instead.

 30.2010, 0.3504,
0.2652


 30.2010, 0.3504,
0.2652


302.8402, 0.3311,
0.2976


 19.9912, 0.3554,
0.2570


 59.9799, 0.3433,
0.2771

 12.3886, 0.3619,
0.2463


 80.3178, 0.3406,
0.2815

 7.0089, 0.3706,
0.2321


 104.8005, 0.3384,
0.2853

 3.4677, 0.3831,
0.2120

133.8124, 0.3365,
0.2885

 1.3805, 0.4022,
0.1821

167.7380, 0.3349,
0.2912

 0.2023, 0.4619,
0.0792


206.9615, 0.3334,


 0.0000, 1.0000,

0.2936


0.0000


251.8675, 0.3322,
0.2957

 0.0000, 0.0000,
0.0000


 30.2010, 0.3504,
0.2652


 30.2010, 0.3504,
0.2652


 25.3441, 0.3639,
0.2500


 36.1432, 0.3386,
0.2814

 21.5009, 0.3789,
0.2367


 43.2279, 0.3285,
0.2977


 18.5980, 0.3952,
0.2265


 51.5134, 0.3199,
0.3137


 16.5499, 0.4122,
0.2206

 61.0528, 0.3127,
0.3290


 15.2557, 0.4294,
0.2196


 71.8960, 0.3067,
0.3433

 14.5272, 0.4462,
0.2231

 84.0899, 0.3017,
0.3567

 90.1173, 0.2974,
0.3574

 90.5581, 0.2932,
0.3490

 91.0185, 0.2891,
0.3407

Harmonies

Analogous

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



30.2010, 0.2832, 0.2362



30.2010, 0.3504, 0.2652



30.2010, 0.4119, 0.3081

Triad

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



30.2010, 0.3504, 0.2652



30.2010, 0.3923, 0.4431



30.2010, 0.1974, 0.2780

Complementary

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



30.2010, 0.3504, 0.2652



50.2139, 0.2880, 0.4036

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.



30.2010, 0.2201, 0.3404



30.2010, 0.3504, 0.2652



30.2010, 0.3310, 0.4479

Square

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



30.2010, 0.3504, 0.2652



30.2010, 0.4349, 0.4067



30.2010, 0.2679, 0.4082



30.2010, 0.2012, 0.2393

Rectangle

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



30.2010, 0.3504, 0.2652



30.2010, 0.4375, 0.3409



30.2010, 0.2679, 0.4082



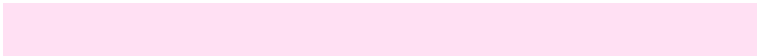
30.2010, 0.2019, 0.2966

Sweetspot

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



30.2024, 0.3504, 0.2652



81.2838, 0.3217, 0.3103



25.3522, 0.2657, 0.2155



17.0014, 0.3227, 0.3082



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.



30.2024, 0.3504, 0.2652



42.5158, 0.3619, 0.2520



28.8653, 0.3991, 0.3151



11.3290, 0.3195, 0.3147



9.0611, 0.4439, 0.2219



0.4819, 0.4137, 0.2053

Inverse Universe

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



30.2024, 0.3504, 0.2652



42.5158, 0.3619, 0.2520



51.7794, 0.2641, 0.3440



11.3290, 0.3195, 0.3147



9.0611, 0.4439, 0.2219



0.4819, 0.4137, 0.2053

Previews

White Background



This preview shows how the Yxy color 30.2010, 0.3504, 0.2652 looks on a white background.

Color Contrast Check

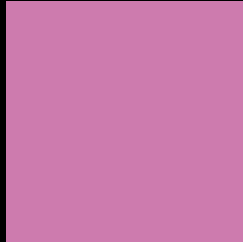
Large Text (above 18pt) WCAG AA × Fail

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 30.2010, 0.3504, 0.2652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

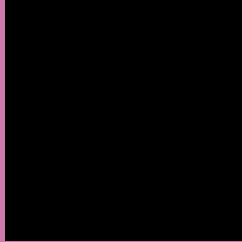
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2010, 0.3504, 0.2652

Background



This preview shows how black text looks on a background with the Yxy color 30.2010, 0.3504, 0.2652.



This preview shows how white text looks on a background with the Yxy color 30.2010, 0.3504, 0.2652.

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

30.2010, 0.3504, 0.2652

Protanopia

30.4304, 0.2673, 0.2655

Deuteranopia

30.4286, 0.2993, 0.2933



Tritanopia

30.2469, 0.3854, 0.3174

Trichromacy



Original Color

30.2010, 0.3504, 0.2652

Protanomaly

29.7546, 0.2935, 0.2639

Deuteranomaly

30.0015, 0.3170, 0.2825

Tritanomaly

30.0023, 0.3719, 0.2967

Monochromacy



Original Color

30.2010, 0.3504, 0.2652

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.6899, 0.3256, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2010, 0.3504, 0.2652 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(205, 123, 174)` looks like.

```
.text, #text, p{  
    color:rgb(205, 123, 174)  
}
```

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(205, 123, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 123, 174) }
```

Border

The CSS property to change the border of an element to Yxy 30.2010, 0.3504, 0.2652 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(205, 123, 174) }
```

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

```
.border{ border-color:rgb(205, 123, 174) }
```

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

Here you see how a box with a 4 pixel rgb(205, 123, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 123, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 123, 174);  
box-shadow:4px 4px 4px 4px rgb(205, 123,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2010, 0.3504, 0.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 123, 174) }
```

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

```
.background{ background-color: rgb(205,  
123, 174) }
```

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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