

Converting Colors

$Y_{xy}(30.5673, 0.4186, 0.3516)$

Have a look what the booklet for
Yxy(30.5673, 0.4186, 0.3516)
contains.

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Color

Yxy(30.6966, 0.4187, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	CD8472
RGB	205, 132, 114
RGB Percent	80%, 52%, 45%
CMY	0.1962, 0.4823, 0.5529
CMYK	0.00, 0.36, 0.44, 0.20
HSL	12°, 48%, 63%
HSV	12°, 44%, 80%
XYZ	36.4615, 30.6966, 19.9245
YIQ	151.7750, 49.2860, 9.8780

Conversions

Conversions Part 2

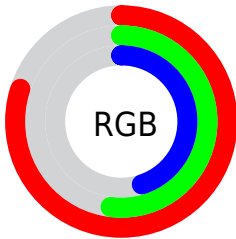
Format	Color
R _Y B	205, 136, 114
Decimal	13468786
CIE Lab	62.25, 26.02, 21.37
CIE LCh	62, 33.666, 39.400
Yxy	30.6966, 0.4187, 0.3525
Android (android.graphics.Color)	4291658866 (0xFFCD8472)
YUV	151.7750, -18.6231, 46.6783
Hunter-Lab	55.4045, 20.5122, 17.4614

Details

The Yxy color **30.6966, 0.4187, 0.3525** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.5126, 0.2489, 0.3032**, and the grayscale version is **31.3644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1310, 0.3890, 0.3502**, and **12.7238, 0.4542, 0.3565** is the 20% darker color. If you saturate the color by 10%, you get **26.1688, 0.4552, 0.3570**, and if you desaturate by 10%, it is **36.0347, 0.3871, 0.3472**.

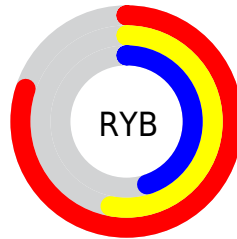
Distribution



Red (80%)

Green (52%)

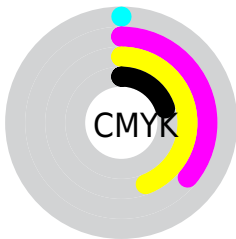
Blue (45%)



Red (80%)

Yellow (53%)

Blue (45%)

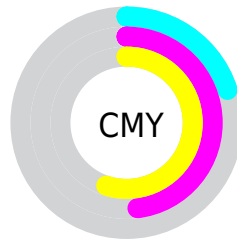


Cyan (0%)

Magenta (36%)

Yellow (44%)

Black (20%)



Cyan (20%)


Magenta (48%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6966, 0.4187, 0.3525 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 30.6966, 0.4187, 0.3525 by changing the saturation by 10% instead.


 30.6966, 0.4187,
0.3525


 30.6966, 0.4187,
0.3525


305.1381, 0.3616,
0.3422

 20.3679, 0.4342,
0.3543


 60.7621, 0.3970,
0.3493


 12.6628, 0.4549,
0.3560


 81.2677, 0.3891,
0.3479

 7.1967, 0.4834,
0.3571


 105.9344, 0.3826,
0.3467

 3.5854, 0.5247,
0.3557

 135.1466, 0.3770,
0.3456

 1.4445, 0.6295,
0.3705

169.2886, 0.3723,
0.3446

 0.2492, 0.7778,
0.2222

208.7450, 0.3683,

 0.0000, 0.0000,


0.3437

0.0000


253.9000, 0.3647,
0.3429


 30.6966, 0.4187,
0.3525


 30.6966, 0.4187,
0.3525


 26.1688, 0.4552,
0.3570


 36.0347, 0.3871,
0.3472


 22.4068, 0.4955,
0.3599


 42.2157, 0.3604,
0.3417


 19.3688, 0.5370,
0.3602


 49.2757, 0.3381,
0.3363


 17.0069, 0.5754,
0.3572

 57.2476, 0.3197,
0.3311

 15.2671, 0.6058,
0.3508

 66.1625, 0.3045,
0.3264

 14.5331, 0.6190,
0.3467

 76.0500, 0.2919,
0.3220

 86.7768, 0.2827,
0.3207

 91.7162, 0.2832,
0.3289

Harmonies

Analogous

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



30.6966, 0.3911, 0.3105



30.6966, 0.4187, 0.3525



30.6966, 0.4143, 0.3930

Triad

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



30.6966, 0.4187, 0.3525



30.6966, 0.2794, 0.3945



30.6966, 0.2431, 0.2436

Complementary

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



30.6966, 0.4187, 0.3525



43.5126, 0.2489, 0.3032

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.



30.6966, 0.2191, 0.2566



30.6966, 0.4187, 0.3525



30.6966, 0.2382, 0.3420

Square

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



30.6966, 0.4187, 0.3525



30.6966, 0.3318, 0.4249



30.6966, 0.2172, 0.2907



30.6966, 0.2864, 0.2506

Rectangle

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



30.6966, 0.4187, 0.3525



30.6966, 0.3950, 0.4143



30.6966, 0.2172, 0.2907



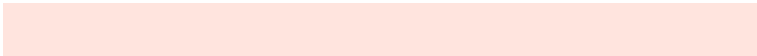
30.6966, 0.2327, 0.2456

Sweetspot

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



30.6981, 0.4187, 0.3525



82.2399, 0.3357, 0.3356



28.6562, 0.3355, 0.2386



17.0133, 0.3402, 0.3368



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.



30.6981, 0.4187, 0.3525



43.3572, 0.4525, 0.3567



45.3092, 0.3928, 0.4066



11.5673, 0.3285, 0.3337



9.1573, 0.6168, 0.3484



0.5812, 0.5795, 0.3781

Inverse Universe

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



43.5126, 0.2489, 0.3032



66.8241, 0.2381, 0.2969



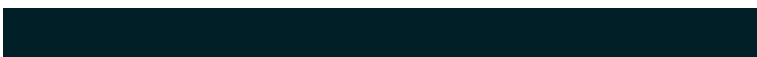
27.5739, 0.2373, 0.2358



12.3350, 0.2983, 0.3243



19.5019, 0.2069, 0.2648



1.1048, 0.2108, 0.2787

Previews

White Background



This preview shows how the Yxy color 30.6966, 0.4187, 0.3525 looks on a white background.

Color Contrast Check

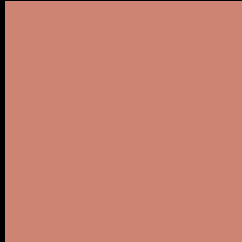
Large Text (above 18pt) WCAG AA × Fail

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 30.6966, 0.4187, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

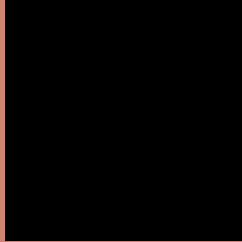
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6966, 0.4187, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 30.6966, 0.4187, 0.3525.



This preview shows how white text looks on a background with the Yxy color 30.6966, 0.4187, 0.3525.

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

30.6966, 0.4187, 0.3525

Protanopia

31.0369, 0.3495, 0.3723

Deuteranopia

30.8856, 0.3834, 0.3770



Tritanopia

30.8009, 0.3937, 0.3177

Trichromacy



Original Color

30.6966, 0.4187, 0.3525

Protanomaly

30.5327, 0.3731, 0.3643

Deuteranomaly

30.6398, 0.3962, 0.3668

Tritanomaly

30.6721, 0.4031, 0.3306

Monochromacy



Original Color

30.6966, 0.4187, 0.3525

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.7437, 0.3479, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6966, 0.4187, 0.3525 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, 132, 114)` looks like.

```
.text, #text, p{  
    color:rgb(205, 132, 114)  
}
```

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, 132, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 132, 114) }
```

Border

The CSS property to change the border of an element to Yxy 30.6966, 0.4187, 0.3525 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, 132, 114) }
```

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

```
.border{ border-color:rgb(205, 132, 114) }
```

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

Here you see how a box with a 4 pixel rgb(205, 132, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 132, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 132, 114);  
box-shadow:4px 4px 4px 4px rgb(205, 132,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6966, 0.4187, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 132, 114) }
```

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

```
.background{ background-color: rgb(205,  
132, 114) }
```

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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