

Converting Colors

$Yxy(30.2611, 0.4357, 0.3459)$

Have a look what the booklet for
Yxy(30.2611, 0.4357, 0.3459)
contains.

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Color

Yxy(30.1332, 0.4353, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	D67D70
RGB	214, 125, 112
RGB Percent	84%, 49%, 44%
CMY	0.1608, 0.5098, 0.5607
CMYK	0.00, 0.42, 0.48, 0.16
HSL	8°, 55%, 64%
HSV	8°, 48%, 84%
XYZ	37.9872, 30.1332, 19.1463
YIQ	150.1290, 57.2170, 14.8250

Conversions

Conversions Part 2

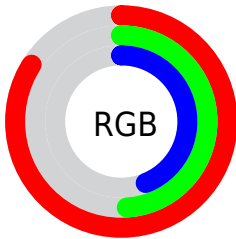
Format	Color
RYB	214, 127, 112
Decimal	14056816
CIELab	61.77, 33.09, 22.04
CIELCh	62, 39.756, 33.662
Yxy	30.1332, 0.4353, 0.3453
Android (android.graphics.Color)	4292246896 (0xFFD67D70)
YUV	150.1290, -18.7976, 56.0149
Hunter-Lab	54.8937, 27.4605, 17.7459

Details

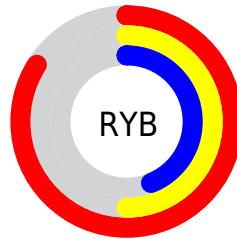
The Yxy color **30.1332, 0.4353, 0.3453** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **50.0654, 0.2467, 0.3111**, and the grayscale version is **30.6215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1805, 0.3934, 0.3450**, and **12.3356, 0.4779, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **25.4216, 0.4759, 0.3478**, and if you desaturate by 10%, it is **35.8496, 0.3999, 0.3420**.

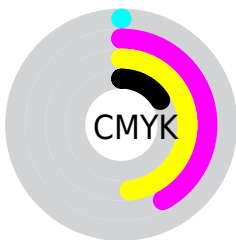
Distribution



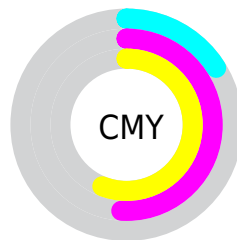
- Red (84%)
- Green (49%)
- Blue (44%)



- Red (84%)
- Yellow (50%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (48%)
- Black (16%)





- Cyan (16%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1332, 0.4353, 0.3453 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 30.1332, 0.4353, 0.3453 by changing the saturation by 10% instead.


 30.1332, 0.4353,
0.3453


 30.1332, 0.4353,
0.3453


302.5248, 0.3690,
0.3395


 19.9397, 0.4533,
0.3456

 59.8728, 0.4101,
0.3439

 12.3512, 0.4772,
0.3453


 80.1876, 0.4010,
0.3432

 6.9834, 0.5100,
0.3432


 104.6451, 0.3934,
0.3425

 3.4517, 0.5573,
0.3366

 133.6295, 0.3870,
0.3418

 1.3718, 0.6641,
0.3359

167.5253, 0.3815,
0.3411

 0.1958, 0.8367,
0.1633


206.7168, 0.3768,


 0.0000, 0.0000,


0.3405


0.0000


251.5886, 0.3727,
0.3400


 30.1332, 0.4353,
0.3453


 30.1332, 0.4353,
0.3453


 25.4216, 0.4759,
0.3478


 35.8496, 0.3999,
0.3420


 21.6522, 0.5199,
0.3489


 42.6196, 0.3701,
0.3385

 18.7625, 0.5633,
0.3478


 50.4942, 0.3456,
0.3349


 16.6802, 0.6002,
0.3443

 59.5200, 0.3255,
0.3315

 15.3199, 0.6254,
0.3390

 69.7406, 0.3092,
0.3283

 15.0910, 0.6300,
0.3380

 81.1975, 0.2958,
0.3254

 93.0340, 0.2883,
0.3289

Harmonies

Analogous

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



30.1332, 0.3960, 0.2978



30.1332, 0.4353, 0.3453



30.1332, 0.4365, 0.3938

Triad

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



30.1332, 0.4353, 0.3453



30.1332, 0.2837, 0.4181



30.1332, 0.2239, 0.2303

Complementary

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



30.1332, 0.4353, 0.3453



50.0654, 0.2467, 0.3111

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.



30.1332, 0.2012, 0.2490



30.1332, 0.4353, 0.3453



30.1332, 0.2324, 0.3567

Square

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



30.1332, 0.4353, 0.3453



30.1332, 0.3460, 0.4464



30.1332, 0.2038, 0.2929



30.1332, 0.2700, 0.2347

Rectangle

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



30.1332, 0.4353, 0.3453



30.1332, 0.4169, 0.4219



30.1332, 0.2038, 0.2929



30.1332, 0.2136, 0.2338

Sweetspot

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



30.1347, 0.4353, 0.3453



79.6220, 0.3381, 0.3336



30.1533, 0.3304, 0.2254



16.4372, 0.3427, 0.3344



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.



30.1347, 0.4353, 0.3453



37.8643, 0.4756, 0.3478



46.0834, 0.4037, 0.4048



12.6734, 0.3288, 0.3320



9.2067, 0.6283, 0.3394



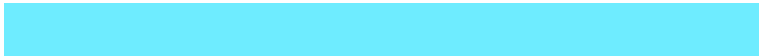
0.6412, 0.6019, 0.3603

Inverse Universe

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



50.0654, 0.2467, 0.3111



70.7728, 0.2365, 0.3067



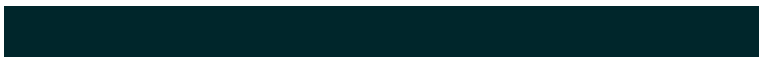
30.4657, 0.2331, 0.2375



13.8251, 0.2983, 0.3259



24.4503, 0.2135, 0.2885



1.5519, 0.2156, 0.2961

Previews

White Background



This preview shows how the Yxy color 30.1332, 0.4353, 0.3453 looks on a white background.

Color Contrast Check

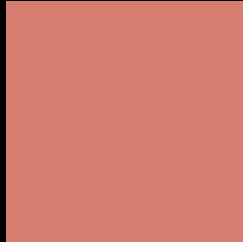
Large Text (above 18pt) WCAG AA × Fail

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 30.1332, 0.4353, 0.3453 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 30.1332, 0.4353, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 30.1332, 0.4353, 0.3453.



This preview shows how white text looks on a background with the Yxy color 30.1332, 0.4353, 0.3453.

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

30.1332, 0.4353, 0.3453

Protanopia

30.1941, 0.3480, 0.3696

Deuteranopia

30.0962, 0.3865, 0.3787



Tritanopia

30.0048, 0.4145, 0.3182

Trichromacy



Original Color

30.1332, 0.4353, 0.3453

Protanomaly

29.5531, 0.3782, 0.3598

Deuteranomaly

29.6813, 0.4042, 0.3652

Tritanomaly

30.0682, 0.4228, 0.3281

Monochromacy



Original Color

30.1332, 0.4353, 0.3453

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.7116, 0.3534, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1332, 0.4353, 0.3453 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(214, 125, 112)` looks like.

```
.text, #text, p{  
    color:rgb(214, 125, 112)  
}
```

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(214, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 125, 112) }
```

Border

The CSS property to change the border of an element to Yxy 30.1332, 0.4353, 0.3453 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(214, 125, 112) }
```

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

```
.border{ border-color:rgb(214, 125, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 125, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(214, 125,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1332, 0.4353, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 125, 112) }
```

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

```
.background{ background-color: rgb(214,  
125, 112) }
```

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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