

Converting Colors

$Y_{xy}(30.0928, 0.4185, 0.3343)$

Have a look what the booklet for
Yxy(30.0928, 0.4185, 0.3343)
contains.

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Color

Yxy(30.0285, 0.4181, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	D27E7A
RGB	210, 126, 122
RGB Percent	82%, 49%, 48%
CMY	0.1766, 0.5058, 0.5216
CMYK	0.00, 0.40, 0.42, 0.18
HSL	3°, 49%, 65%
HSV	3°, 42%, 82%
XYZ	37.5446, 30.0285, 22.2250
YIQ	150.6600, 51.3480, 16.5640

Conversions

Conversions Part 2

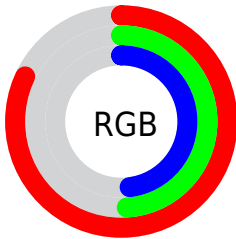
Format	Color
R _Y B	210, 126, 122
Decimal	13794938
CIE Lab	61.68, 32.04, 16.17
CIE LCh	62, 35.892, 26.779
Yxy	30.0285, 0.4181, 0.3344
Android (android.graphics.Color)	4291985018 (0xFFD27E7A)
YUV	150.6600, -14.1294, 52.0412
Hunter-Lab	54.7983, 26.4009, 14.3120

Details

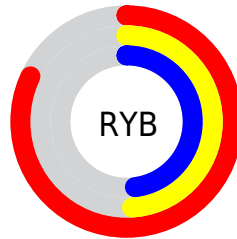
The Yxy color **30.0285, 0.4181, 0.3344** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.8967, 0.2550, 0.3234**, and the grayscale version is **30.8408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9585, 0.3841, 0.3355**, and **12.2855, 0.4565, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **24.9429, 0.4583, 0.3355**, and if you desaturate by 10%, it is **36.2554, 0.3842, 0.3331**.

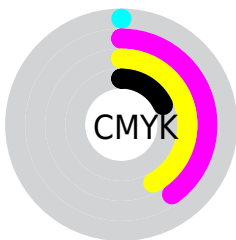
Distribution



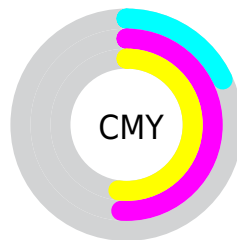
- Red (82%)
- Green (49%)
- Blue (48%)



- Red (82%)
- Yellow (49%)
- Blue (48%)



- Cyan (0%)
- Magenta (40%)
- Yellow (42%)
- Black (18%)




- Cyan (18%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0285, 0.4181, 0.3344 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 30.0285, 0.4181, 0.3344 by changing the saturation by 10% instead.


 30.0285, 0.4181,
0.3344


 30.0285, 0.4181,
0.3344


302.0373, 0.3610,
0.3335


 19.8602, 0.4338,
0.3339


 59.7072, 0.3963,
0.3346

 12.2935, 0.4548,
0.3326


 79.9865, 0.3884,
0.3345

 6.9439, 0.4841,
0.3298


 104.4049, 0.3819,
0.3343

 3.4270, 0.5275,
0.3233

133.3468, 0.3764,
0.3342

 1.3585, 0.6171,
0.3180

167.1965, 0.3717,
0.3340

 0.1859, 0.8384,
0.1616

206.3386, 0.3677,


 0.0000, 0.0000,


0.3338


0.0000


251.1574, 0.3641,
0.3336

 30.0285, 0.4181,
0.3344


 30.0285, 0.4181,
0.3344

 24.9429, 0.4583,
0.3355


 36.2554, 0.3842,
0.3331

 20.9252, 0.5035,
0.3362


 43.6823, 0.3563,
0.3317

 17.9005, 0.5503,
0.3362

 52.3690, 0.3338,
0.3304

 15.7826, 0.5924,
0.3352

 62.3704, 0.3157,
0.3292

 14.4700, 0.6229,
0.3334

 73.7377, 0.3011,
0.3281

■ 13.9062, 0.6372,
0.3322

■ 86.5197, 0.2893,
0.3271

■ 92.4369, 0.2860,
0.3289

Harmonies

Analogous

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



30.0285, 0.3761, 0.2917



30.0285, 0.4181, 0.3344



30.0285, 0.4278, 0.3793

Triad

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



30.0285, 0.4181, 0.3344



30.0285, 0.2996, 0.4178



30.0285, 0.2249, 0.2409

Complementary

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



30.0285, 0.4181, 0.3344



52.8967, 0.2550, 0.3234

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.



30.0285, 0.2091, 0.2638



30.0285, 0.4181, 0.3344



30.0285, 0.2491, 0.3680

Square

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



30.0285, 0.4181, 0.3344



30.0285, 0.3564, 0.4350



30.0285, 0.2172, 0.3091



30.0285, 0.2628, 0.2400

Rectangle

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



30.0285, 0.4181, 0.3344



30.0285, 0.4152, 0.4062



30.0285, 0.2172, 0.3091



30.0285, 0.2170, 0.2460

Sweetspot

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



30.0300, 0.4181, 0.3344



79.5001, 0.3364, 0.3306



32.1195, 0.3204, 0.2297



16.3470, 0.3411, 0.3309



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.



30.0300, 0.4181, 0.3344



39.6772, 0.4526, 0.3354



43.4443, 0.3946, 0.3873



11.8940, 0.3289, 0.3301



8.5255, 0.6364, 0.3329



0.5080, 0.6245, 0.3423

Inverse Universe

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



52.8967, 0.2550, 0.3234



79.6130, 0.2460, 0.3221



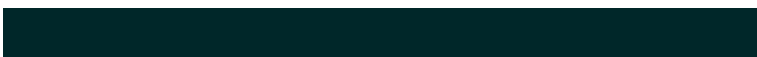
34.9984, 0.2449, 0.2617



13.3101, 0.2983, 0.3279



28.1796, 0.2208, 0.3147



1.6050, 0.2215, 0.3175

Previews

White Background



This preview shows how the Yxy color 30.0285, 0.4181, 0.3344 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0285, 0.4181, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

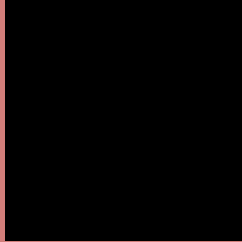
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0285, 0.4181, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 30.0285, 0.4181, 0.3344.



This preview shows how white text looks on a background with the Yxy color 30.0285, 0.4181, 0.3344.

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

30.0285, 0.4181, 0.3344

Protanopia

30.2563, 0.3357, 0.3540

Deuteranopia

29.9755, 0.3723, 0.3646



Tritanopia

29.9576, 0.4066, 0.3180

Trichromacy



Original Color

30.0285, 0.4181, 0.3344

Protanomaly

29.8648, 0.3644, 0.3467

Deuteranomaly

29.8122, 0.3888, 0.3531

Tritanomaly

30.1011, 0.4111, 0.3243

Monochromacy



Original Color

30.0285, 0.4181, 0.3344

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.0101, 0.3477, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0285, 0.4181, 0.3344 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(210, 126, 122)` looks like.

```
.text, #text, p{  
    color:rgb(210, 126, 122)  
}
```

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(210, 126, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 126, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.0285, 0.4181, 0.3344 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(210, 126, 122) }
```

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

```
.border{ border-color:rgb(210, 126, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 126, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 126, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 126, 122); box-shadow:4px 4px 4px 4px rgb(210, 126, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0285, 0.4181, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 126, 122) }
```

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

```
.background{ background-color: rgb(210,  
126, 122) }
```

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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