

Converting Colors

$Yxy(26.6983, 0.4639, 0.3479)$

Have a look what the booklet for
Yxy(26.6983, 0.4639, 0.3479)
contains.

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Color

Yxy(26.7290, 0.4645, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	D67060
RGB	214, 112, 96
RGB Percent	84%, 44%, 38%
CMY	0.1608, 0.5607, 0.6234
CMYK	0.00, 0.48, 0.55, 0.16
HSL	8°, 59%, 61%
HSV	8°, 55%, 84%
XYZ	35.6361, 26.7290, 14.3542
YIQ	140.6740, 65.9280, 16.6480

Conversions

Conversions Part 2

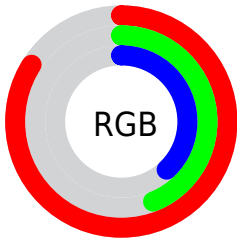
Format	Color
RYB	214, 115, 96
Decimal	14053472
CIELab	58.72, 38.46, 27.04
CIELCh	59, 47.016, 35.112
Yxy	26.7290, 0.4645, 0.3484
Android (android.graphics.Color)	4292243552 (0xFFD67060)
YUV	140.6740, -22.0243, 64.3069
Hunter-Lab	51.7001, 32.5622, 19.7286

Details

The Yxy color **26.7290, 0.4645, 0.3484** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **47.7355, 0.2386, 0.3065**, and the grayscale version is **26.5723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2769, 0.4153, 0.3482**, and **10.5278, 0.5182, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **22.7163, 0.5076, 0.3500**, and if you desaturate by 10%, it is **31.6905, 0.4253, 0.3455**.

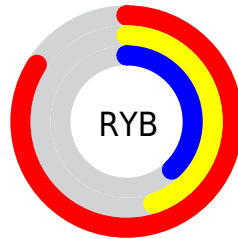
Distribution



Red (84%)

Green (44%)

Blue (38%)



Red (84%)

Yellow (45%)

Blue (38%)

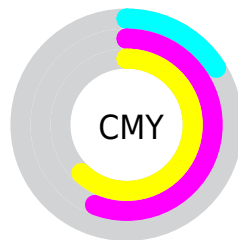


Cyan (0%)

Magenta (48%)

Yellow (55%)

Black (16%)



Cyan (16%)


Magenta (56%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7290, 0.4645, 0.3484 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 26.7290, 0.4645, 0.3484 by changing the saturation by 10% instead.


 26.7290, 0.4645,
0.3484


 26.7290, 0.4645,
0.3484


286.3426, 0.3813,
0.3425

 17.3698, 0.4872,
0.3480


 54.4487, 0.4327,
0.3475

 10.4985, 0.5173,
0.3459


 73.5780, 0.4212,
0.3468

 5.7307, 0.5583,
0.3403

 96.7327, 0.4117,
0.3460

 2.6820, 0.6242,
0.3307

 124.2974, 0.4037,
0.3452

 0.9681, 0.7055,
0.2945

156.6563, 0.3968,
0.3444

 0.0000, 1.0000,
0.0000

194.1939, 0.3910,

 0.0000, 0.0000,

0.3437

0.0000

237.2945, 0.3858,
0.3431

■ 26.7290, 0.4645,
0.3484

■ 26.7290, 0.4645,
0.3484

■ 22.7163, 0.5076,
0.3500

■ 31.6905, 0.4253,
0.3455

■ 19.5874, 0.5514,
0.3496

■ 37.6519, 0.3916,
0.3419

■ 17.2762, 0.5904,
0.3466

■ 44.6655, 0.3633,
0.3381

■ 15.7045, 0.6189,
0.3413

■ 52.7788, 0.3401,
0.3343

■ 15.1730, 0.6290,
0.3388

■ 62.0364, 0.3211,
0.3307

■ 72.4804, 0.3055,
0.3274

■ 84.1508, 0.2928,
0.3244

■ 93.0347, 0.2883,
0.3289

Harmonies

Analogous

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



26.7290, 0.4183, 0.2929



26.7290, 0.4645, 0.3484



26.7290, 0.4616, 0.4061

Triad

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



26.7290, 0.4645, 0.3484



26.7290, 0.2721, 0.4384



26.7290, 0.2081, 0.2106

Complementary

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



26.7290, 0.4645, 0.3484



47.7355, 0.2386, 0.3065

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.



26.7290, 0.1805, 0.2297



26.7290, 0.4645, 0.3484



26.7290, 0.2125, 0.3582

Square

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



26.7290, 0.4645, 0.3484



26.7290, 0.3468, 0.4747



26.7290, 0.1814, 0.2795



26.7290, 0.2635, 0.2176

Rectangle

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



26.7290, 0.4645, 0.3484



26.7290, 0.4351, 0.4411



26.7290, 0.1814, 0.2795



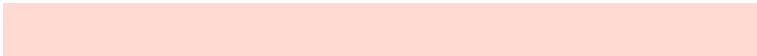
26.7290, 0.1958, 0.2138

Sweetspot

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



26.7304, 0.4645, 0.3484



75.8915, 0.3445, 0.3350



26.7552, 0.3360, 0.2133



15.7058, 0.3490, 0.3358



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.



26.7304, 0.4645, 0.3484



32.9876, 0.5144, 0.3501



44.1667, 0.4193, 0.4175



12.6894, 0.3288, 0.3322



9.2597, 0.6272, 0.3402



0.6487, 0.5998, 0.3620

Inverse Universe

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



47.7355, 0.2386, 0.3065



67.0574, 0.2283, 0.3010



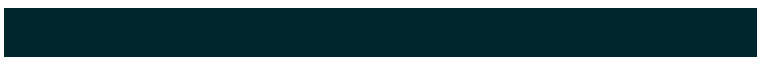
25.8899, 0.2198, 0.2169



13.8075, 0.2983, 0.3258



24.0216, 0.2127, 0.2858



1.5300, 0.2150, 0.2940

Previews

White Background



This preview shows how the Yxy color 26.7290, 0.4645, 0.3484 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 26.7290, 0.4645, 0.3484 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 × Fail

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

Yxy 26.7290, 0.4645, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 26.7290, 0.4645, 0.3484.



This preview shows how white text looks on a background with the Yxy color 26.7290, 0.4645, 0.3484.

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

26.7290, 0.4645, 0.3484

Protanopia

27.0294, 0.3570, 0.3829

Deuteranopia

26.7586, 0.4028, 0.3935



Tritanopia

26.6687, 0.4400, 0.3197

Trichromacy



Original Color

26.7290, 0.4645, 0.3484

Protanomaly

26.2307, 0.3955, 0.3695

Deuteranomaly

26.5339, 0.4265, 0.3764

Tritanomaly

26.7031, 0.4502, 0.3306

Monochromacy



Original Color

26.7290, 0.4645, 0.3484

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7708, 0.3638, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7290, 0.4645, 0.3484 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, 112, 96)` looks like.

```
.text, #text, p{  
    color:rgb(214, 112, 96)  
}
```

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, 112, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 112, 96) }
```

Border

The CSS property to change the border of an element to Yxy 26.7290, 0.4645, 0.3484 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, 112, 96) }
```

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

```
.border{ border-color:rgb(214, 112, 96) }
```

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

Here you see how a box with a 4 pixel rgb(214, 112, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 112, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 112, 96);  
box-shadow:4px 4px 4px 4px rgb(214, 112,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7290, 0.4645, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 112, 96) }
```

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

```
.background{ background-color: rgb(214,  
112, 96) }
```

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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