

Converting Colors

$Y_{xy}(26.9960, 0.4409, 0.3267)$

Have a look what the booklet for
Yxy(26.9960, 0.4409, 0.3267)
contains.

Yxy(27.0994, 0.4411, 0.3269)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.0994, 0.4411, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	D67072
RGB	214, 112, 114
RGB Percent	84%, 44%, 45%
CMY	0.1607, 0.5608, 0.5528
CMYK	0.00, 0.48, 0.47, 0.16
HSL	359°, 55%, 64%
HSV	359°, 48%, 84%
XYZ	36.5664, 27.0994, 19.2324
YIQ	142.7260, 60.1500, 22.2460

Conversions

Conversions Part 2

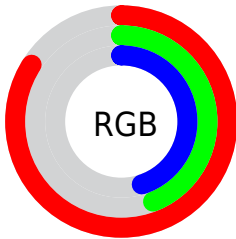
Format	Color
R _Y B	214, 112, 114
Decimal	14053490
CIE Lab	59.07, 40.09, 17.21
CIE LCh	59, 43.627, 23.232
Yxy	27.0994, 0.4411, 0.3269
Android (android.graphics.Color)	4292243570 (0xFFD67072)
YUV	142.7260, -14.1619, 62.5073
Hunter-Lab	52.0571, 34.2835, 14.5354

Details

The Yxy color **27.0994, 0.4411, 0.3269** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.2943, 0.2510, 0.3315**, and the grayscale version is **27.3941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2856, 0.3965, 0.3292**, and **10.6994, 0.4865, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **22.5021, 0.4852, 0.3267**, and if you desaturate by 10%, it is **32.9311, 0.4030, 0.3273**.

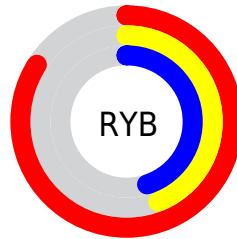
Distribution



Red (84%)

Green (44%)

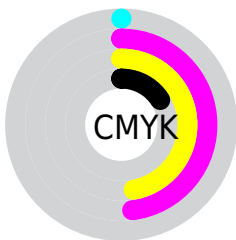
Blue (45%)



Red (84%)

Yellow (44%)

Blue (45%)

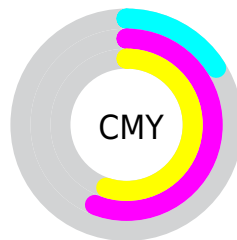


Cyan (0%)

Magenta (48%)

Yellow (47%)

Black (16%)



Cyan (16%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0994, 0.4411, 0.3269 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 27.0994, 0.4411, 0.3269 by changing the saturation by 10% instead.

 27.0994, 0.4411,
0.3269


 27.0994, 0.4411,
0.3269


288.1381, 0.3706,
0.3308


 17.6479, 0.4608,
0.3247


 55.0433, 0.4139,
0.3291

 10.6975, 0.4872,
0.3210


 74.3045, 0.4042,
0.3297

 5.8638, 0.5243,
0.3142

 97.6044, 0.3961,
0.3301

 2.7624, 0.5792,
0.3009

 125.3274, 0.3894,
0.3304

 1.0090, 0.7101,
0.2899

157.8579, 0.3836,
0.3305

 0.0000, 1.0000,
0.0000

195.5802, 0.3787,

 0.0000, 0.0000,

0.3306

0.0000

238.8788, 0.3744,
0.3307

■ 27.0994, 0.4411,
0.3269

■ 27.0994, 0.4411,
0.3269

■ 22.5021, 0.4852,
0.3267

■ 32.9311, 0.4030,
0.3273

■ 19.0468, 0.5327,
0.3268

■ 40.0729, 0.3715,
0.3277

■ 16.6346, 0.5781,
0.3273

■ 48.5990, 0.3460,
0.3282

■ 15.1482, 0.6141,
0.3281

■ 58.5772, 0.3255,
0.3287

■ 14.4259, 0.6349,
0.3290

■ 70.0706, 0.3092,
0.3291

 14.3068, 0.6383,
0.3290

 83.1387, 0.2962,
0.3295

 93.0375, 0.2883,
0.3289

Harmonies

Analogous

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



27.0994, 0.3839, 0.2770



27.0994, 0.4411, 0.3269



27.0994, 0.4573, 0.3812

Triad

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



27.0994, 0.4411, 0.3269



27.0994, 0.3027, 0.4488



27.0994, 0.2015, 0.2225

Complementary

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



27.0994, 0.4411, 0.3269



56.2943, 0.2510, 0.3315

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.



27.0994, 0.1861, 0.2520



27.0994, 0.4411, 0.3269



27.0994, 0.2392, 0.3873

Square

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



27.0994, 0.4411, 0.3269



27.0994, 0.3727, 0.4619



27.0994, 0.1983, 0.3103



27.0994, 0.2437, 0.2195

Rectangle

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



27.0994, 0.4411, 0.3269



27.0994, 0.4433, 0.4160



27.0994, 0.1983, 0.3103



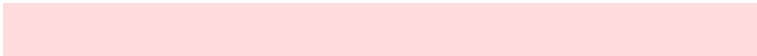
27.0994, 0.1934, 0.2292

Sweetspot

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



27.1008, 0.4411, 0.3269



77.2477, 0.3382, 0.3284



30.2343, 0.3146, 0.2129



15.8685, 0.3429, 0.3283



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.



27.1008, 0.4411, 0.3269



33.5186, 0.4848, 0.3267



40.4713, 0.4130, 0.3873



12.4248, 0.3288, 0.3286



8.6486, 0.6378, 0.3287



0.5231, 0.6305, 0.3247

Inverse Universe

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



27.1008, 0.4411, 0.3269



33.5186, 0.4848, 0.3267



35.7193, 0.2374, 0.2606



12.4248, 0.3288, 0.3286



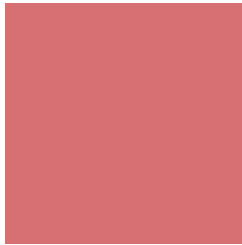
8.6486, 0.6378, 0.3287



0.5231, 0.6305, 0.3247

Previews

White Background



This preview shows how the Yxy color 27.0994, 0.4411, 0.3269 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 27.0994, 0.4411, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

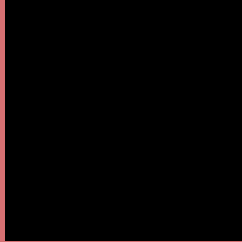
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0994, 0.4411, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 27.0994, 0.4411, 0.3269.



This preview shows how white text looks on a background with the Yxy color 27.0994, 0.4411, 0.3269.

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

27.0994, 0.4411, 0.3269

Protanopia

27.2269, 0.3325, 0.3502

Deuteranopia

27.2326, 0.3769, 0.3706



Tritanopia

26.9969, 0.4350, 0.3196

Trichromacy



Original Color

27.0994, 0.4411, 0.3269

Protanomaly

26.4585, 0.3694, 0.3397

Deuteranomaly

26.7764, 0.4008, 0.3535

Tritanomaly

26.9494, 0.4377, 0.3221

Monochromacy



Original Color

27.0994, 0.4411, 0.3269

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6035, 0.3560, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0994, 0.4411, 0.3269 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(214, 112, 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(214, 112, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 112, 114) }
```

Border

The CSS property to change the border of an element to Yxy 27.0994, 0.4411, 0.3269 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, 114) }
```

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

```
.border{ border-color:rgb(214, 112, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 112, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 112, 114);  
box-shadow:4px 4px 4px 4px rgb(214, 112,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0994, 0.4411, 0.3269 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, 114) }
```

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

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