

Converting Colors

$Y_{xy}(27.9420, 0.4251, 0.3162)$

Have a look what the booklet for
Yxy(27.9420, 0.4251, 0.3162)
contains.

Yxy(27.8114, 0.4253, 0.3158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(27.8114, 0.4253, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	D6727D
RGB	214, 114, 125
RGB Percent	84%, 45%, 49%
CMY	0.1607, 0.5530, 0.5098
CMYK	0.00, 0.47, 0.42, 0.16
HSL	353°, 55%, 64%
HSV	353°, 47%, 84%
XYZ	37.4547, 27.8114, 22.8004
YIQ	145.1540, 56.0690, 24.6210

Conversions

Conversions Part 2

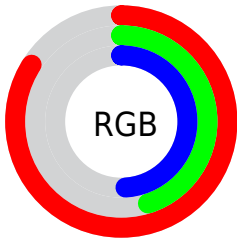
Format	Color
RYB	214, 114, 125
Decimal	14054013
CIELab	59.72, 40.20, 11.78
CIELCh	60, 41.893, 16.335
Yxy	27.8114, 0.4253, 0.3158
Android (android.graphics.Color)	4292244093 (0xFFD6727D)
YUV	145.1540, -9.9359, 60.3779
Hunter-Lab	52.7365, 34.4859, 11.2818

Details

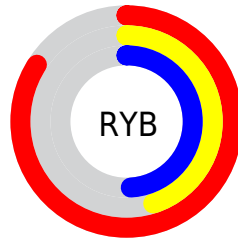
The Yxy color **27.8114, 0.4253, 0.3158** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.9899, 0.2565, 0.3438**, and the grayscale version is **28.4059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4396, 0.3852, 0.3197**, and **11.0350, 0.4668, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **23.0958, 0.4649, 0.3138**, and if you desaturate by 10%, it is **33.7524, 0.3915, 0.3185**.

Distribution



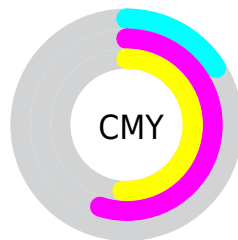
- Red (84%)
- Green (45%)
- Blue (49%)



- Red (84%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (47%)
- Yellow (42%)
- Black (16%)





- Cyan (16%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8114, 0.4253, 0.3158 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 27.8114, 0.4253, 0.3158 by changing the saturation by 10% instead.


 27.8114, 0.4253,
0.3158


 27.8114, 0.4253,
0.3158


291.5646, 0.3637,
0.3247


 18.1835, 0.4425,
0.3126


 56.1832, 0.4016,
0.3197

 11.0818, 0.4656,
0.3079


 75.6959, 0.3931,
0.3209

 6.1219, 0.4983,
0.3004

 99.2724, 0.3861,
0.3219

 2.9194, 0.5475,
0.2872

127.2970, 0.3802,
0.3227

 1.0898, 0.6458,
0.2685

160.1541, 0.3751,
0.3233

 0.0000, 1.0000,
0.0000

198.2282, 0.3708,

 0.0000, 0.0000,

0.3239

0.0000

241.9035, 0.3670,
0.3243

■ 27.8114, 0.4253,
0.3158

■ 27.8114, 0.4253,
0.3158

■ 23.0958, 0.4649,
0.3138

■ 33.7524, 0.3915,
0.3185

■ 19.5162, 0.5089,
0.3131

■ 40.9919, 0.3637,
0.3214

■ 16.9777, 0.5535,
0.3142


■ 49.6019, 0.3411,
0.3244


■ 15.3680, 0.5930,
0.3174


■ 59.6481, 0.3229,
0.3272

■ 14.5429, 0.6214,
0.3222

■ 71.1921, 0.3083,
0.3298

 14.3628, 0.6283,
0.3235

 84.2916, 0.2965,
0.3322

 93.0386, 0.2883,
0.3289

Harmonies

Analogous

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



27.8114, 0.3647, 0.2697



27.8114, 0.4253, 0.3158



27.8114, 0.4510, 0.3678

Triad

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



27.8114, 0.4253, 0.3158



27.8114, 0.3192, 0.4498



27.8114, 0.2004, 0.2312

Complementary

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



27.8114, 0.4253, 0.3158



55.9899, 0.2565, 0.3438

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.



27.8114, 0.1915, 0.2662



27.8114, 0.4253, 0.3158



27.8114, 0.2553, 0.4005

Square

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



27.8114, 0.4253, 0.3158



27.8114, 0.3848, 0.4521



27.8114, 0.2100, 0.3277



27.8114, 0.2353, 0.2225

Rectangle

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



27.8114, 0.4253, 0.3158



27.8114, 0.4441, 0.4019



27.8114, 0.2100, 0.3277



27.8114, 0.1945, 0.2398

Sweetspot

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



27.8128, 0.4253, 0.3158



77.4200, 0.3360, 0.3251



29.4941, 0.3061, 0.2119



15.9098, 0.3402, 0.3245



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.



27.8128, 0.4253, 0.3158



34.4493, 0.4642, 0.3139



38.0789, 0.4156, 0.3763



12.4428, 0.3274, 0.3265



8.6875, 0.6260, 0.3222



0.5317, 0.5913, 0.3031

Inverse Universe

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



27.8128, 0.4253, 0.3158



34.4493, 0.4642, 0.3139



39.3559, 0.2410, 0.2746



12.4428, 0.3274, 0.3265



8.6875, 0.6260, 0.3222



0.5317, 0.5913, 0.3031

Previews

White Background



This preview shows how the Yxy color 27.8114, 0.4253, 0.3158 looks on a white background.

Color Contrast Check

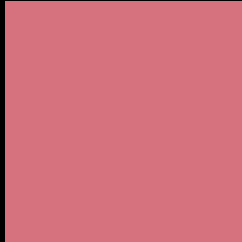
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8114, 0.4253, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

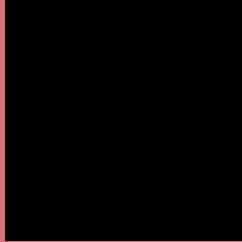
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8114, 0.4253, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 27.8114, 0.4253, 0.3158.



This preview shows how white text looks on a background with the Yxy color 27.8114, 0.4253, 0.3158.

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

27.8114, 0.4253, 0.3158

Protanopia

28.1655, 0.3199, 0.3338

Deuteranopia

28.0612, 0.3638, 0.3567



Tritanopia

27.7608, 0.4280, 0.3183

Trichromacy



Original Color

27.8114, 0.4253, 0.3158

Protanomaly

27.2950, 0.3558, 0.3261

Deuteranomaly

27.5608, 0.3864, 0.3406

Tritanomaly

27.7860, 0.4266, 0.3171

Monochromacy



Original Color

27.8114, 0.4253, 0.3158

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4312, 0.3497, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8114, 0.4253, 0.3158 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, 114, 125)` looks like.

```
.text, #text, p{  
    color:rgb(214, 114, 125)  
}
```

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, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 114, 125) }
```

Border

The CSS property to change the border of an element to Yxy 27.8114, 0.4253, 0.3158 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, 114, 125) }
```

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

```
.border{ border-color:rgb(214, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(214, 114,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8114, 0.4253, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 114, 125) }
```

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

```
.background{ background-color: rgb(214,  
114, 125) }
```

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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