

Converting Colors

$Y_{xy}(27.8813, 0.4273, 0.3140)$

Have a look what the booklet for
Yxy(27.8813, 0.4273, 0.3140)
contains.

Yxy(27.9155, 0.4267, 0.3136)	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(27.9155, 0.4267, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	D8717E
RGB	216, 113, 126
RGB Percent	85%, 44%, 49%
CMY	0.1530, 0.5568, 0.5060
CMYK	0.00, 0.48, 0.42, 0.15
HSL	352°, 57%, 65%
HSV	352°, 48%, 85%
XYZ	37.9832, 27.9155, 23.1175
YIQ	145.2790, 57.2150, 25.8790

Conversions

Conversions Part 2

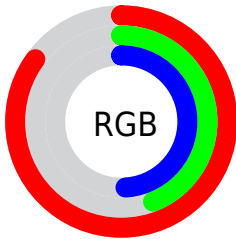
Format	Color
R_{YB}	216, 113, 126
Decimal	14184830
CIE _{Lab}	59.81, 41.51, 11.40
CIE _{LCh}	60, 43.047, 15.353
Yxy	27.9155, 0.4267, 0.3136
Android (android.graphics.Color)	4292374910 (0xFFD8717E)
YUV	145.2790, -9.5045, 62.0223
Hunter-Lab	52.8351, 35.8624, 11.0428

Details

The Yxy color **27.9155, 0.4267, 0.3136** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.9240, 0.2564, 0.3464**, and the grayscale version is **28.4584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1521, 0.3836, 0.3166**, and **11.1424, 0.4685, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **23.2143, 0.4661, 0.3114**, and if you desaturate by 10%, it is **33.8581, 0.3930, 0.3166**.

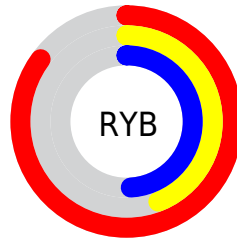
Distribution



Red (85%)

Green (44%)

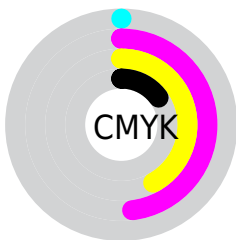
Blue (49%)



Red (85%)

Yellow (44%)

Blue (49%)

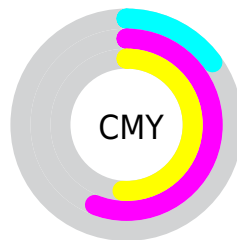


Cyan (0%)

Magenta (48%)

Yellow (42%)

Black (15%)



Cyan (15%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9155, 0.4267, 0.3136 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 27.9155, 0.4267, 0.3136 by changing the saturation by 10% instead.


 27.9155, 0.4267,
0.3136

 27.9155, 0.4267,
0.3136


292.0629, 0.3644,
0.3237


 18.2620, 0.4440,
0.3101


 56.3495, 0.4027,
0.3179

 11.1382, 0.4674,
0.3050


 75.8988, 0.3942,
0.3193

 6.1599, 0.5004,
0.2970

 99.5154, 0.3870,
0.3204

 2.9425, 0.5498,
0.2831

 127.5838, 0.3811,
0.3213

 1.1018, 0.6457,
0.2624

160.4884, 0.3760,
0.3221

 0.0000, 1.0000,
0.0000

198.6135, 0.3716,

 0.0000, 0.0000,

0.3227

0.0000

242.3435, 0.3678,
0.3232

■ 27.9155, 0.4267,
0.3136

■ 27.9155, 0.4267,
0.3136

■ 23.2143, 0.4661,
0.3114

■ 33.8581, 0.3930,
0.3166

■ 19.6625, 0.5097,
0.3106

■ 41.1171, 0.3651,
0.3200

■ 17.1620, 0.5537,
0.3119

■ 49.7667, 0.3425,
0.3234


■ 15.5966, 0.5926,
0.3156


■ 59.8741, 0.3242,
0.3267

■ 14.8065, 0.6207,
0.3211

■ 71.5024, 0.3096,
0.3297

 14.6750, 0.6257,
0.3221

 84.7108, 0.2978,
0.3325

 93.3351, 0.2894,
0.3289

Harmonies

Analogous

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



27.9155, 0.3636, 0.2669



27.9155, 0.4267, 0.3136



27.9155, 0.4543, 0.3665

Triad

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



27.9155, 0.4267, 0.3136



27.9155, 0.3213, 0.4542



27.9155, 0.1972, 0.2296

Complementary

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



27.9155, 0.4267, 0.3136



56.9240, 0.2564, 0.3464

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.



27.9155, 0.1890, 0.2661



27.9155, 0.4267, 0.3136



27.9155, 0.2556, 0.4048

Square

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



27.9155, 0.4267, 0.3136



27.9155, 0.3883, 0.4544



27.9155, 0.2086, 0.3299



27.9155, 0.2318, 0.2201

Rectangle

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



27.9155, 0.4267, 0.3136



27.9155, 0.4481, 0.4015



27.9155, 0.2086, 0.3299



27.9155, 0.1914, 0.2386

Sweetspot

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



27.9169, 0.4267, 0.3136



77.4502, 0.3356, 0.3246



29.3638, 0.3042, 0.2091



15.9171, 0.3398, 0.3238



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.



27.9169, 0.4267, 0.3136



33.8934, 0.4656, 0.3114



37.8484, 0.4196, 0.3752



12.4460, 0.3271, 0.3261



8.6971, 0.6232, 0.3207



0.5331, 0.5852, 0.2997

Inverse Universe

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



27.9169, 0.4267, 0.3136



33.8934, 0.4656, 0.3114



40.4001, 0.2401, 0.2758



12.4460, 0.3271, 0.3261



8.6971, 0.6232, 0.3207



0.5331, 0.5852, 0.2997

Previews

White Background



This preview shows how the Yxy color 27.9155, 0.4267, 0.3136 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 27.9155, 0.4267, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

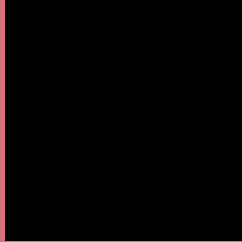
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9155, 0.4267, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 27.9155, 0.4267, 0.3136.

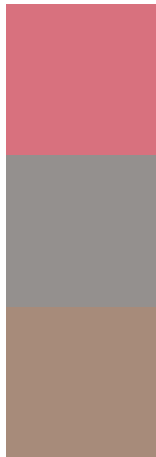


This preview shows how white text looks on a background with the Yxy color 27.9155, 0.4267, 0.3136.

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

27.9155, 0.4267, 0.3136

Protanopia

28.1954, 0.3189, 0.3322

Deuteranopia

28.0859, 0.3627, 0.3551



Tritanopia

28.0387, 0.4315, 0.3196

Trichromacy



Original Color

27.9155, 0.4267, 0.3136

Protanomaly

27.4369, 0.3558, 0.3247

Deuteranomaly

27.7096, 0.3864, 0.3392

Tritanomaly

28.0636, 0.4302, 0.3184

Monochromacy



Original Color

27.9155, 0.4267, 0.3136

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.2680, 0.3512, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9155, 0.4267, 0.3136 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(216, 113, 126)` looks like.

```
.text, #text, p{  
    color:rgb(216, 113, 126)  
}
```

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(216, 113, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 113, 126) }
```

Border

The CSS property to change the border of an element to Yxy 27.9155, 0.4267, 0.3136 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(216, 113, 126) }
```

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

```
.border{ border-color:rgb(216, 113, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 113, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 113, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 113, 126);  
box-shadow:4px 4px 4px 4px rgb(216, 113,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9155, 0.4267, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 113, 126) }
```

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

```
.background{ background-color: rgb(216,  
113, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor