

Converting Colors

$Y_{xy}(27.9413, 0.4033, 0.3256)$

Have a look what the booklet for
Yxy(27.9413, 0.4033, 0.3256)
contains.

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Color

Yxy(27.9516, 0.4035, 0.3253)

Conversions

Conversions Part 1

Format	Color
Hex	C87B7E
RGB	200, 123, 126
RGB Percent	78%, 48%, 49%
CMY	0.2156, 0.5177, 0.5059
CMYK	0.00, 0.39, 0.37, 0.22
HSL	358°, 41%, 63%
HSV	358°, 39%, 78%
XYZ	34.6710, 27.9516, 23.3030
YIQ	146.3650, 44.9290, 17.2570

Conversions

Conversions Part 2

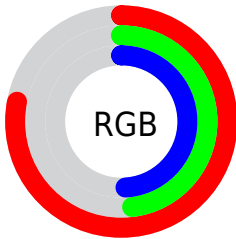
Format	Color
R _{YB}	200, 123, 126
Decimal	13138814
CIE Lab	59.84, 30.34, 11.14
CIE LCh	60, 32.317, 20.155
Yxy	27.9516, 0.4035, 0.3253
Android (android.graphics.Color)	4291328894 (0xFFC87B7E)
YUV	146.3650, -10.0399, 47.0379
Hunter-Lab	52.8693, 24.5368, 10.8754

Details

The Yxy color **27.9516, 0.4035, 0.3253** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.5592, 0.2614, 0.3330**, and the grayscale version is **28.9308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5653, 0.3808, 0.3261**, and **11.2302, 0.4370, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **23.0379, 0.4411, 0.3245**, and if you desaturate by 10%, it is **33.9772, 0.3723, 0.3263**.

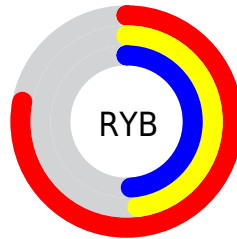
Distribution



Red (78%)

Green (48%)

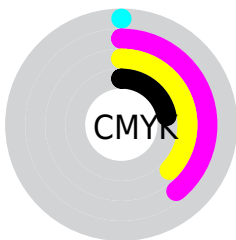
Blue (49%)



Red (78%)

Yellow (48%)

Blue (49%)

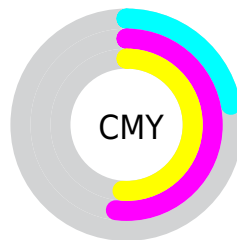


Cyan (0%)

Magenta (39%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (52%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9516, 0.4035, 0.3253 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 27.9516, 0.4035, 0.3253 by changing the saturation by 10% instead.


 27.9516, 0.4035,
0.3253


 27.9516, 0.4035,
0.3253


292.2356, 0.3538,
0.3286


 18.2892, 0.4174,
0.3239


 56.4072, 0.3843,
0.3269

 11.1578, 0.4363,
0.3215


 75.9691, 0.3775,
0.3274

 6.1731, 0.4632,
0.3175

 99.5996, 0.3718,
0.3277

 2.9506, 0.5043,
0.3098

127.6832, 0.3671,
0.3280

 1.1060, 0.5885,
0.3006

160.6042, 0.3630,
0.3282

 0.0000, 1.0000,
0.0000


198.7470, 0.3595,


 0.0000, 0.0000,


0.3284

0.0000


242.4960, 0.3565,
0.3285

 27.9516, 0.4035,
0.3253


 27.9516, 0.4035,
0.3253


 23.0379, 0.4411,
0.3245


 33.9772, 0.3723,
0.3263


 19.1642, 0.4846,
0.3240


 41.1724, 0.3470,
0.3273

 16.2570, 0.5313,
0.3241


 49.5961, 0.3268,
0.3282


 14.2312, 0.5762,
0.3249

 59.3017, 0.3105,
0.3291


 12.9871, 0.6123,
0.3264

 70.3398, 0.2975,
0.3300

 12.3698, 0.6340,
0.3280

 82.7580, 0.2869,
0.3307

 12.2987, 0.6364,
0.3279

 91.0216, 0.2805,
0.3289

Harmonies

Analogous

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



27.9516, 0.3600, 0.2866



27.9516, 0.4035, 0.3253



27.9516, 0.4198, 0.3674

Triad

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



27.9516, 0.4035, 0.3253



27.9516, 0.3126, 0.4168



27.9516, 0.2260, 0.2502

Complementary

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



27.9516, 0.4035, 0.3253



49.5592, 0.2614, 0.3330

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.



27.9516, 0.2161, 0.2766



27.9516, 0.4035, 0.3253



27.9516, 0.2632, 0.3766

Square

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



27.9516, 0.4035, 0.3253



27.9516, 0.3645, 0.4256



27.9516, 0.2288, 0.3225



27.9516, 0.2571, 0.2447

Rectangle

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



27.9516, 0.4035, 0.3253



27.9516, 0.4129, 0.3934



27.9516, 0.2288, 0.3225



27.9516, 0.2202, 0.2567

Sweetspot

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



27.9530, 0.4035, 0.3253



80.2550, 0.3337, 0.3279



30.0941, 0.3132, 0.2337



16.7603, 0.3363, 0.3277



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.



27.9530, 0.4035, 0.3253



41.3118, 0.4337, 0.3246



38.0481, 0.3894, 0.3744



10.6435, 0.3284, 0.3281



7.8216, 0.6353, 0.3274



0.3727, 0.6189, 0.3183

Inverse Universe

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



27.9530, 0.4035, 0.3253



41.3118, 0.4337, 0.3246



35.4212, 0.2522, 0.2782



10.6435, 0.3284, 0.3281



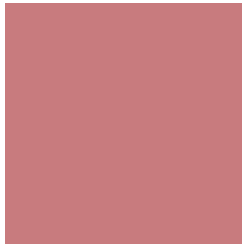
7.8216, 0.6353, 0.3274



0.3727, 0.6189, 0.3183

Previews

White Background



This preview shows how the Yxy color 27.9516, 0.4035, 0.3253 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 27.9516, 0.4035, 0.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

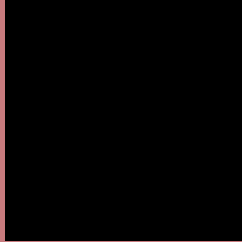
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9516, 0.4035, 0.3253

Background



This preview shows how black text looks on a background with the Yxy color 27.9516, 0.4035, 0.3253.



This preview shows how white text looks on a background with the Yxy color 27.9516, 0.4035, 0.3253.

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

27.9516, 0.4035, 0.3253

Protanopia

28.1422, 0.3250, 0.3403

Deuteranopia

28.0023, 0.3604, 0.3537



Tritanopia

27.8371, 0.3976, 0.3173

Trichromacy



Original Color

27.9516, 0.4035, 0.3253

Protanomaly

27.6266, 0.3525, 0.3337

Deuteranomaly

27.6953, 0.3756, 0.3424

Tritanomaly

27.7834, 0.4001, 0.3200

Monochromacy



Original Color

27.9516, 0.4035, 0.3253

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1480, 0.3430, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9516, 0.4035, 0.3253 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(200, 123, 126)` looks like.

```
.text, #text, p{  
    color:rgb(200, 123, 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(200, 123, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 123, 126) }
```

Border

The CSS property to change the border of an element to Yxy 27.9516, 0.4035, 0.3253 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(200, 123, 126) }
```

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

```
.border{ border-color:rgb(200, 123, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 123, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 123, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 123, 126);  
box-shadow:4px 4px 4px 4px rgb(200, 123,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9516, 0.4035, 0.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 123, 126) }
```

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

```
.background{ background-color: rgb(200,  
123, 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](#).

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