

Converting Colors

$Y_{xy}(27.1496, 0.4281, 0.3595)$

Have a look what the booklet for
Yxy(27.1496, 0.4281, 0.3595)
contains.

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Color

Yxy(27.1104, 0.4283, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	C47C66
RGB	196, 124, 102
RGB Percent	77%, 49%, 40%
CMY	0.2314, 0.5137, 0.6000
CMYK	0.00, 0.37, 0.48, 0.23
HSL	14°, 44%, 58%
HSV	14°, 48%, 77%
XYZ	32.3707, 27.1104, 16.0985
YIQ	143.0200, 49.9740, 8.4220

Conversions

Conversions Part 2

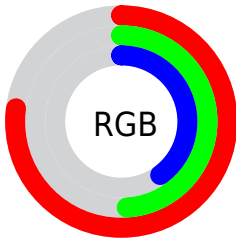
Format	Color
RYB	196, 131, 102
Decimal	12876902
CIELab	59.08, 25.57, 23.69
CIELCh	59, 34.854, 42.811
Yxy	27.1104, 0.4283, 0.3587
Android (android.graphics.Color)	4291066982 (0xFFC47C66)
YUV	143.0200, -20.2229, 46.4635
Hunter-Lab	52.0676, 19.8560, 18.1159

Details

The Yxy color $27.1104, 0.4283, 0.3587$ is a dark color, and the websafe version is hex `CC6666`. A complement of this color would be $37.0820, 0.2438, 0.2956$, and the grayscale version is $27.5449, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.0042, 0.4042, 0.3545$, and $10.6624, 0.4690, 0.3627$ is the 20% darker color. If you saturate the color by 10%, you get $23.2869, 0.4648, 0.3636$, and if you desaturate by 10%, it is $31.6014, 0.3961, 0.3527$.

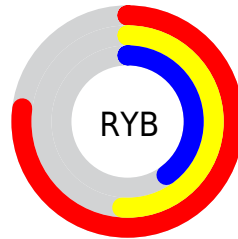
Distribution



Red (77%)

Green (49%)

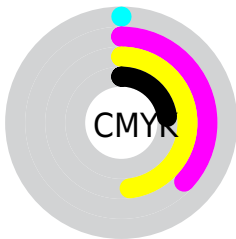
Blue (40%)



Red (77%)

Yellow (51%)

Blue (40%)

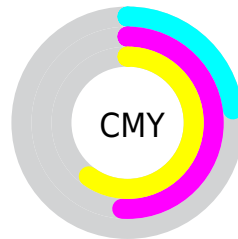


Cyan (0%)

Magenta (37%)

Yellow (48%)

Black (23%)



Cyan (23%)


Magenta (51%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1104, 0.4283, 0.3587 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 27.1104, 0.4283, 0.3587 by changing the saturation by 10% instead.


 27.1104, 0.4283,
0.3587


 27.1104, 0.4283,
0.3587


288.1913, 0.3649,
0.3453


 17.6562, 0.4459,
0.3611


 55.0610, 0.4039,
0.3544


 10.7034, 0.4694,
0.3633


 74.3261, 0.3952,
0.3526

 5.8678, 0.5021,
0.3645

 97.6303, 0.3879,
0.3510

 2.7648, 0.5520,
0.3634

 125.3580, 0.3819,
0.3496

 1.0102, 0.6425,
0.3575

157.8935, 0.3767,
0.3484

 0.0000, 1.0000,
0.0000

195.6213, 0.3722,

 0.0000, 0.0000,

0.3473

0.0000

238.9258, 0.3683,
0.3462

■ 27.1104, 0.4283,
0.3587

■ 27.1104, 0.4283,
0.3587

■ 23.2869, 0.4648,
0.3636

■ 31.6014, 0.3961,
0.3527

■ 20.0943, 0.5043,
0.3664

■ 36.7860, 0.3684,
0.3462

■ 17.4990, 0.5438,
0.3660


■ 42.6937, 0.3452,
0.3398


■ 15.4618, 0.5792,
0.3618

■ 49.3512, 0.3258,
0.3336


■ 13.9363, 0.6067,
0.3540

■ 56.7837, 0.3096,
0.3279

 13.6797, 0.6117,
0.3525

 65.0153, 0.2962,
0.3226

 74.0691, 0.2849,
0.3178

 83.7195, 0.2774,
0.3173

 90.4755, 0.2784,
0.3289

Harmonies

Analogous

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



27.1104, 0.4023, 0.3137



27.1104, 0.4283, 0.3587



27.1104, 0.4193, 0.4016

Triad

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



27.1104, 0.4283, 0.3587



27.1104, 0.2707, 0.3944



27.1104, 0.2422, 0.2374

Complementary

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



27.1104, 0.4283, 0.3587



37.0820, 0.2438, 0.2956

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.



27.1104, 0.2142, 0.2484



27.1104, 0.4283, 0.3587



27.1104, 0.2289, 0.3359

Square

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



27.1104, 0.4283, 0.3587



27.1104, 0.3262, 0.4312



27.1104, 0.2094, 0.2821



27.1104, 0.2905, 0.2472

Rectangle

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



27.1104, 0.4283, 0.3587



27.1104, 0.3962, 0.4236



27.1104, 0.2094, 0.2821



27.1104, 0.2304, 0.2386

Sweetspot

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



27.1118, 0.4283, 0.3587



81.6880, 0.3375, 0.3374



24.2981, 0.3435, 0.2373



16.9342, 0.3420, 0.3388



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.



27.1118, 0.4283, 0.3587



41.5857, 0.4685, 0.3640



41.7956, 0.3969, 0.4177



10.4520, 0.3283, 0.3345



8.9017, 0.6094, 0.3544



0.4943, 0.5648, 0.3897

Inverse Universe

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



37.0820, 0.2438, 0.2956



61.7394, 0.2312, 0.2866



22.0076, 0.2297, 0.2194



11.0158, 0.2984, 0.3235



16.7388, 0.2035, 0.2524



0.8227, 0.2087, 0.2715

Previews

White Background



This preview shows how the Yxy color 27.1104, 0.4283, 0.3587 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 27.1104, 0.4283, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

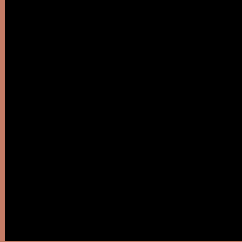
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1104, 0.4283, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 27.1104, 0.4283, 0.3587.



This preview shows how white text looks on a background with the Yxy color 27.1104, 0.4283, 0.3587.

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

27.1104, 0.4283, 0.3587

Protanopia

27.1472, 0.3571, 0.3811

Deuteranopia

27.3575, 0.3916, 0.3850



Tritanopia

27.0237, 0.3987, 0.3172

Trichromacy



Original Color

27.1104, 0.4283, 0.3587

Protanomaly

26.7143, 0.3825, 0.3721

Deuteranomaly

27.0258, 0.4043, 0.3743

Tritanomaly

26.8770, 0.4100, 0.3320

Monochromacy



Original Color

27.1104, 0.4283, 0.3587

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8482, 0.3512, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1104, 0.4283, 0.3587 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(196, 124, 102)` looks like.

```
.text, #text, p{  
    color:rgb(196, 124, 102)  
}
```

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(196, 124, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 124, 102) }
```

Border

The CSS property to change the border of an element to Yxy 27.1104, 0.4283, 0.3587 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(196, 124, 102) }
```

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

```
.border{ border-color:rgb(196, 124, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 124, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 124, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 124, 102);  
box-shadow:4px 4px 4px 4px rgb(196, 124,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1104, 0.4283, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 124, 102) }
```

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

```
.background{ background-color: rgb(196,  
124, 102) }
```

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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