

Converting Colors

$Y_{xy}(27.0277, 0.4472, 0.3465)$

Have a look what the booklet for
Yxy(27.0277, 0.4472, 0.3465)
contains.

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Color

Yxy(27.0254, 0.4473, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	D17467
RGB	209, 116, 103
RGB Percent	82%, 45%, 40%
CMY	0.1804, 0.5451, 0.5960
CMYK	0.00, 0.44, 0.51, 0.18
HSL	7°, 54%, 61%
HSV	7°, 51%, 82%
XYZ	34.9883, 27.0254, 16.2074
YIQ	142.3250, 59.6010, 15.6730

Conversions

Conversions Part 2

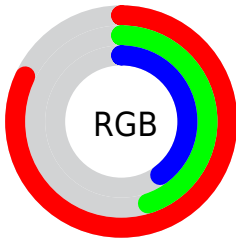
Format	Color
R_{YB}	209, 118, 103
Decimal	13726823
CIE Lab	59.00, 35.08, 23.31
CIE LCh	59, 42.116, 33.609
Yxy	27.0254, 0.4473, 0.3455
Android (android.graphics.Color)	4291916903 (0xFFD17467)
YUV	142.3250, -19.3872, 58.4740
Hunter-Lab	51.9860, 29.1611, 17.9056

Details

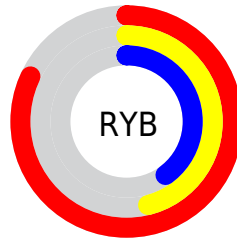
The Yxy color **27.0254, 0.4473, 0.3455** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.9700, 0.2436, 0.3105**, and the grayscale version is **27.2476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9690, 0.4068, 0.3451**, and **10.6454, 0.4957, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **22.8394, 0.4893, 0.3475**, and if you desaturate by 10%, it is **32.1535, 0.4101, 0.3425**.

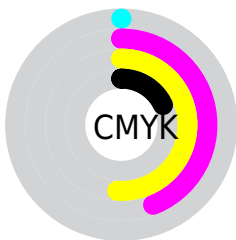
Distribution



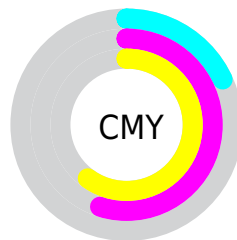
- Red (82%)
- Green (45%)
- Blue (40%)



- Red (82%)
- Yellow (46%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (51%)
- Black (18%)





- Cyan (18%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0254, 0.4473, 0.3455 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 27.0254, 0.4473, 0.3455 by changing the saturation by 10% instead.

 27.0254, 0.4473,
0.3455


 27.0254, 0.4473,
0.3455


287.7801, 0.3734,
0.3401


 17.5923, 0.4677,
0.3454


 54.9246, 0.4189,
0.3444


 10.6577, 0.4950,
0.3442


 74.1595, 0.4087,
0.3438

 5.8371, 0.5327,
0.3404


 97.4305, 0.4003,
0.3431

 2.7463, 0.5893,
0.3311

 125.1219, 0.3932,
0.3424

 1.0008, 0.6888,
0.3112

157.6182, 0.3872,
0.3417

 0.0000, 1.0000,
0.0000


195.3037, 0.3820,


 0.0000, 0.0000,


0.3411


0.0000


238.5629, 0.3774,
0.3406

 27.0254, 0.4473,
0.3455


 27.0254, 0.4473,
0.3455

 22.8394, 0.4893,
0.3475


 32.1535, 0.4101,
0.3425


 19.5341, 0.5338,
0.3480

 38.2719, 0.3786,
0.3391


 17.0472, 0.5759,
0.3463

 45.4307, 0.3526,
0.3357

 15.3063, 0.6096,
0.3422

 53.6752, 0.3312,
0.3323

 14.2772, 0.6304,
0.3377

 63.0480, 0.3138,
0.3292

■ 73.5895, 0.2996,
0.3264

■ 85.3382, 0.2880,
0.3238

■ 92.2951, 0.2855,
0.3289

Harmonies

Analogous

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



27.0254, 0.4040, 0.2946



27.0254, 0.4473, 0.3455



27.0254, 0.4480, 0.3981

Triad

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



27.0254, 0.4473, 0.3455



27.0254, 0.2804, 0.4281



27.0254, 0.2161, 0.2219

Complementary

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



27.0254, 0.4473, 0.3455



46.9700, 0.2436, 0.3105

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.



27.0254, 0.1919, 0.2414



27.0254, 0.4473, 0.3455



27.0254, 0.2249, 0.3593

Square

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



27.0254, 0.4473, 0.3455



27.0254, 0.3482, 0.4586



27.0254, 0.1944, 0.2887



27.0254, 0.2657, 0.2268

Rectangle

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



27.0254, 0.4473, 0.3455



27.0254, 0.4261, 0.4293



27.0254, 0.1944, 0.2887



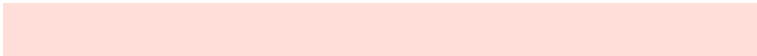
27.0254, 0.2051, 0.2255

Sweetspot

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



27.0268, 0.4473, 0.3455



78.2019, 0.3402, 0.3338



27.2726, 0.3317, 0.2197



16.1526, 0.3448, 0.3345



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.



27.0268, 0.4473, 0.3455



35.2490, 0.4937, 0.3477



42.6769, 0.4105, 0.4091



12.0384, 0.3288, 0.3319



8.8807, 0.6288, 0.3390



0.5759, 0.6015, 0.3606

Inverse Universe

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



46.9700, 0.2436, 0.3105



69.8490, 0.2331, 0.3059



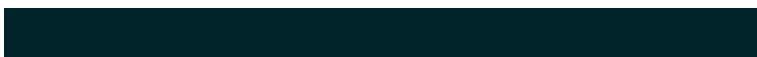
27.3255, 0.2280, 0.2306



13.1494, 0.2983, 0.3261



23.9140, 0.2139, 0.2901



1.4083, 0.2161, 0.2979

Previews

White Background



This preview shows how the Yxy color 27.0254, 0.4473, 0.3455 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 27.0254, 0.4473, 0.3455 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 27.0254, 0.4473, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 27.0254, 0.4473, 0.3455.



This preview shows how white text looks on a background with the Yxy color 27.0254, 0.4473, 0.3455.

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

27.0254, 0.4473, 0.3455

Protanopia

27.1631, 0.3506, 0.3731

Deuteranopia

27.0552, 0.3933, 0.3851



Tritanopia

26.9170, 0.4254, 0.3181

Trichromacy



Original Color

27.0254, 0.4473, 0.3455

Protanomaly

26.6934, 0.3838, 0.3624

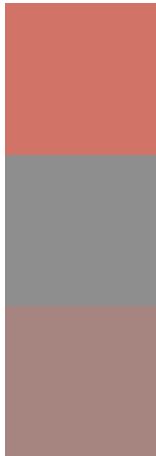
Deuteranomaly

26.8110, 0.4133, 0.3704

Tritanomaly

26.9741, 0.4341, 0.3281

Monochromacy



Original Color

27.0254, 0.4473, 0.3455

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4406, 0.3568, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0254, 0.4473, 0.3455 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(209, 116, 103)` looks like.

```
.text, #text, p{  
    color:rgb(209, 116, 103)  
}
```

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(209, 116, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 116, 103) }
```

Border

The CSS property to change the border of an element to Yxy 27.0254, 0.4473, 0.3455 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(209, 116, 103) }
```

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

```
.border{ border-color:rgb(209, 116, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 116, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 116, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 116, 103);  
box-shadow:4px 4px 4px 4px rgb(209, 116,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0254, 0.4473, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 116, 103) }
```

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

```
.background{ background-color: rgb(209,  
116, 103) }
```

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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