

Converting Colors

$Y_{xy}(17.0221, 0.4177, 0.3287)$

Have a look what the booklet for
Yxy(17.0221, 0.4177, 0.3287)
contains.

Yxy(17.0283, 0.4180, 0.3277)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.0283, 0.4180, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	A55F60
RGB	165, 95, 96
RGB Percent	65%, 37%, 38%
CMY	0.3530, 0.6274, 0.6234
CMYK	0.00, 0.42, 0.42, 0.35
HSL	359°, 28%, 51%
HSV	359°, 42%, 65%
XYZ	21.7206, 17.0283, 13.2142
YIQ	116.0440, 41.3990, 15.1510

Conversions

Conversions Part 2

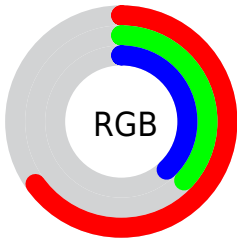
Format	Color
R _Y B	165, 95, 96
Decimal	10837856
CIE Lab	48.30, 28.55, 11.83
CIE LCh	48, 30.909, 22.512
Yxy	17.0283, 0.4180, 0.3277
Android (android.graphics.Color)	4289027936 (0xFFA55F60)
YUV	116.0440, -9.8817, 42.9344
Hunter-Lab	41.2654, 21.7414, 9.8996

Details

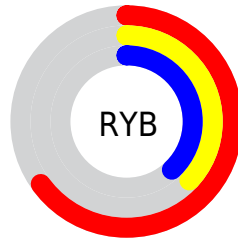
The Yxy color **17.0283, 0.4180, 0.3277** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.0207, 0.2568, 0.3305**, and the grayscale version is **17.5016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4724, 0.3929, 0.3304**, and **5.5783, 0.4645, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **14.0954, 0.4581, 0.3275**, and if you desaturate by 10%, it is **20.6543, 0.3842, 0.3280**.

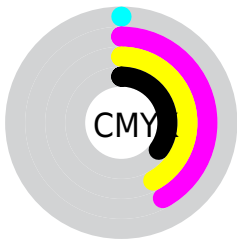
Distribution



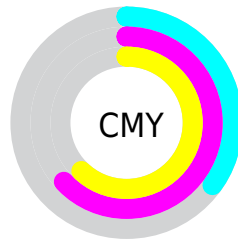
- Red (65%)
- Green (37%)
- Blue (38%)



- Red (65%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (42%)
- Yellow (42%)
- Black (35%)



- Cyan (35%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0283, 0.4180, 0.3277 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 17.0283, 0.4180, 0.3277 by changing the saturation by 10% instead.


 17.0283, 0.4180,
0.3277


 17.0283, 0.4180,
0.3277

235.3354, 0.3561,
0.3302


 10.2547, 0.4375,
0.3259


 38.3744, 0.3928,
0.3293

 5.5681, 0.4656,
0.3225

 53.7157, 0.3842,
0.3297

 2.5843, 0.5090,
0.3153

 72.6817, 0.3772,
0.3299

 0.9188, 0.6226,
0.3178

 95.6567, 0.3715,
0.3301

 0.0000, 1.0000,
0.0000

123.0252, 0.3667,
0.3302

 0.0000, 0.0000,
0.0000

155.1716, 0.3626,

0.3302

192.4802, 0.3591,
0.3302

■ 17.0283, 0.4180,
0.3277

■ 17.0283, 0.4180,
0.3277

■ 14.0954, 0.4581,
0.3275

■ 20.6543, 0.3842,
0.3280

■ 11.8093, 0.5033,
0.3275

■ 25.0111, 0.3566,
0.3283

■ 10.1217, 0.5501,
0.3277


■ 30.1365, 0.3343,
0.3286

■ 8.9767, 0.5923,
0.3282


■ 36.0650, 0.3165,
0.3289


■ 8.3079, 0.6230,
0.3289

■ 42.8291, 0.3021,
0.3292

 8.0039, 0.6383,
0.3290

 50.4594, 0.2906,
0.3295

 58.9851, 0.2812,
0.3297

 68.4338, 0.2735,
0.3300

 78.8321, 0.2672,
0.3302

Harmonies

Analogous

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



17.0283, 0.3705, 0.2846



17.0283, 0.4180, 0.3277



17.0283, 0.4332, 0.3743

Triad

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



17.0283, 0.4180, 0.3277



17.0283, 0.3072, 0.4268



17.0283, 0.2179, 0.2396

Complementary

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



17.0283, 0.4180, 0.3277



32.0207, 0.2568, 0.3305

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.



17.0283, 0.2051, 0.2665



17.0283, 0.4180, 0.3277



17.0283, 0.2530, 0.3783

Square

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



17.0283, 0.4180, 0.3277



17.0283, 0.3658, 0.4387



17.0283, 0.2169, 0.3163



17.0283, 0.2539, 0.2357

Rectangle

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



17.0283, 0.4180, 0.3277



17.0283, 0.4231, 0.4032



17.0283, 0.2169, 0.3163



17.0283, 0.2110, 0.2459

Sweetspot

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



17.0292, 0.4180, 0.3277



53.1710, 0.3360, 0.3286



18.7760, 0.3160, 0.2268



11.1801, 0.3404, 0.3285



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.0292, 0.4180, 0.3277



25.4729, 0.4560, 0.3275



24.4817, 0.3964, 0.3819



7.0876, 0.3283, 0.3287



6.0562, 0.6380, 0.3288



0.1277, 0.6283, 0.3235

Inverse Universe

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



17.0292, 0.4180, 0.3277



25.4729, 0.4560, 0.3275



21.4269, 0.2463, 0.2686



7.0876, 0.3283, 0.3287



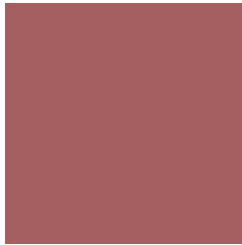
6.0562, 0.6380, 0.3288



0.1277, 0.6283, 0.3235

Previews

White Background



This preview shows how the Yxy color 17.0283, 0.4180, 0.3277 looks on a white background.

Color Contrast Check

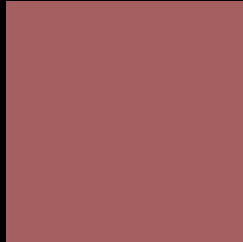
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.0283, 0.4180, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

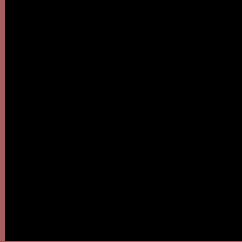
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0283, 0.4180, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 17.0283, 0.4180, 0.3277.

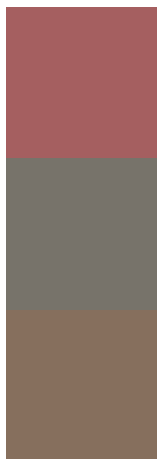


This preview shows how white text looks on a background with the Yxy color 17.0283, 0.4180, 0.3277.

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

17.0283, 0.4180, 0.3277

Protanopia

17.2240, 0.3290, 0.3468

Deuteranopia

17.2275, 0.3684, 0.3628



Tritanopia

16.9443, 0.4107, 0.3182

Trichromacy



Original Color

17.0283, 0.4180, 0.3277

Protanomaly

16.9187, 0.3603, 0.3402

Deuteranomaly

16.9310, 0.3862, 0.3487

Tritanomaly

16.9056, 0.4139, 0.3214

Monochromacy



Original Color

17.0283, 0.4180, 0.3277

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.8976, 0.3477, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0283, 0.4180, 0.3277 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(165, 95, 96)` looks like.

```
.text, #text, p{  
    color:rgb(165, 95, 96)  
}
```

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(165, 95, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 95, 96) }
```

Border

The CSS property to change the border of an element to Yxy 17.0283, 0.4180, 0.3277 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(165, 95, 96) }
```

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

```
.border{ border-color:rgb(165, 95, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 95, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 95, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 95, 96);  
box-shadow:4px 4px 4px 4px rgb(165, 95,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0283, 0.4180, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 95, 96) }
```

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

```
.background{ background-color: rgb(165, 95,  
96) }
```

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