

Converting Colors

$Y_{xy}(17.6577, 0.4166, 0.3056)$

Have a look what the booklet for
Yxy(17.6577, 0.4166, 0.3056)
contains.

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Color

Yxy(17.6577, 0.4166, 0.3056)

Conversions

Conversions Part 1

Format	Color
Hex	AF5B6B
RGB	175, 91, 107
RGB Percent	69%, 36%, 42%
CMY	0.3138, 0.6431, 0.5804
CMYK	0.00, 0.48, 0.39, 0.31
HSL	349°, 34%, 52%
HSV	349°, 48%, 69%
XYZ	24.0713, 17.6577, 16.0514
YIQ	117.9400, 44.9280, 22.7840

Conversions

Conversions Part 2

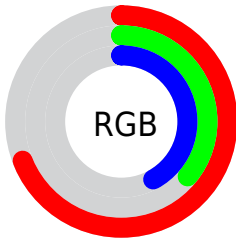
Format	Color
R_{YB}	175, 91, 107
Decimal	11492203
CIE _{Lab}	49.08, 35.83, 6.55
CIE _{LCh}	49, 36.426, 10.361
Yxy	17.6577, 0.4166, 0.3056
Android (android.graphics.Color)	4289682283 (0xFFAF5B6B)
YUV	117.9400, -5.3934, 50.0416
Hunter-Lab	42.0211, 28.7150, 6.7669

Details

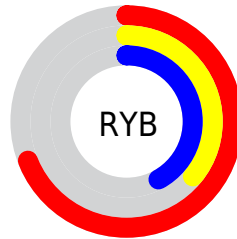
The Yxy color **17.6577, 0.4166, 0.3056** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.3806, 0.2602, 0.3554**, and the grayscale version is **18.1050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4372, 0.3924, 0.3120**, and **5.8341, 0.4616, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **14.7329, 0.4521, 0.3019**, and if you desaturate by 10%, it is **21.3307, 0.3863, 0.3103**.

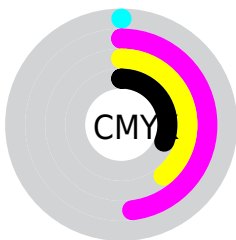
Distribution



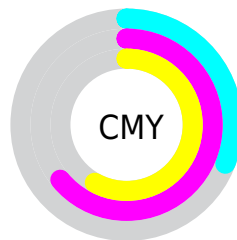
- Red (69%)
- Green (36%)
- Blue (42%)



- Red (69%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (48%)
- Yellow (39%)
- Black (31%)




- Cyan (31%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6577, 0.4166, 0.3056 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 17.6577, 0.4166, 0.3056 by changing the saturation by 10% instead.


 17.6577, 0.4166,
0.3056


 17.6577, 0.4166,
0.3056


238.9345, 0.3560,
0.3203


 10.7045, 0.4355,
0.3005


 39.4532, 0.3921,
0.3119


 5.8685, 0.4624,
0.2928

 55.0643, 0.3837,
0.3139

 2.7653, 0.5038,
0.2800

 74.3301, 0.3769,
0.3155

 1.0105, 0.5793,
0.2582

 97.6351, 0.3712,
0.3168

 0.0000, 1.0000,
0.0000

125.3637, 0.3665,
0.3179

 0.0000, 0.0000,
0.0000

157.9002, 0.3625,

0.3188

195.6290, 0.3590,
0.3196

■ 17.6577, 0.4166,
0.3056

■ 17.6577, 0.4166,
0.3056

■ 14.7329, 0.4521,
0.3019

■ 21.3307, 0.3863,
0.3103

■ 12.5020, 0.4918,
0.3001

■ 25.7958, 0.3611,
0.3154

■ 10.9077, 0.5332,
0.3009


■ 31.0967, 0.3405,
0.3204

■ 9.8823, 0.5719,
0.3050


■ 37.2734, 0.3238,
0.3253


■ 9.3168, 0.6035,
0.3118


■ 44.3628, 0.3102,
0.3299

 9.2234, 0.6091,
0.3129

 52.4002, 0.2992,
0.3341

 61.4187, 0.2903,
0.3379

 71.4498, 0.2829,
0.3414

 82.5239, 0.2769,
0.3446

Harmonies

Analogous

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



17.6577, 0.3509, 0.2612



17.6577, 0.4166, 0.3056



17.6577, 0.4509, 0.3574

Triad

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



17.6577, 0.4166, 0.3056



17.6577, 0.3328, 0.4557



17.6577, 0.1954, 0.2350

Complementary

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



17.6577, 0.4166, 0.3056



35.3806, 0.2602, 0.3554

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.



17.6577, 0.1918, 0.2758



17.6577, 0.4166, 0.3056



17.6577, 0.2664, 0.4145

Square

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



17.6577, 0.4166, 0.3056



17.6577, 0.3973, 0.4487



17.6577, 0.2159, 0.3423



17.6577, 0.2254, 0.2213

Rectangle

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



17.6577, 0.4166, 0.3056



17.6577, 0.4495, 0.3924



17.6577, 0.2159, 0.3423



17.6577, 0.1912, 0.2455

Sweetspot

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



17.6586, 0.4166, 0.3056



59.6601, 0.3338, 0.3223



17.8677, 0.2974, 0.2074



12.7561, 0.3375, 0.3213



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



17.6586, 0.4166, 0.3056



25.9303, 0.4560, 0.3017



22.4058, 0.4228, 0.3667



8.0394, 0.3257, 0.3247



6.6138, 0.6066, 0.3115



0.1911, 0.5299, 0.2693

Inverse Universe

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



17.6586, 0.4166, 0.3056



25.9303, 0.4560, 0.3017



27.0658, 0.2425, 0.2862



8.0394, 0.3257, 0.3247



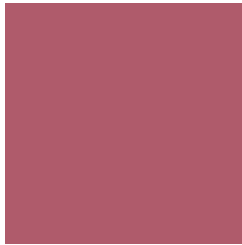
6.6138, 0.6066, 0.3115



0.1911, 0.5299, 0.2693

Previews

White Background



This preview shows how the Yxy color 17.6577, 0.4166, 0.3056 looks on a white background.

Color Contrast Check

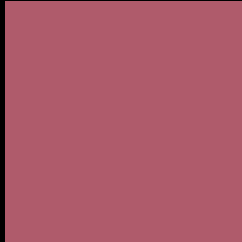
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6577, 0.4166, 0.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

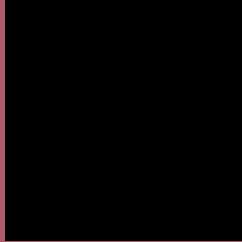
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6577, 0.4166, 0.3056

Background



This preview shows how black text looks on a background with the Yxy color 17.6577, 0.4166, 0.3056.



This preview shows how white text looks on a background with the Yxy color 17.6577, 0.4166, 0.3056.

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

17.6577, 0.4166, 0.3056

Protanopia

17.9546, 0.3093, 0.3213

Deuteranopia

17.7761, 0.3527, 0.3478



Tritanopia

17.5538, 0.4276, 0.3189

Trichromacy



Original Color

17.6577, 0.4166, 0.3056

Protanomaly

17.4750, 0.3451, 0.3147

Deuteranomaly

17.3985, 0.3759, 0.3309

Tritanomaly

17.6123, 0.4228, 0.3144

Monochromacy



Original Color

17.6577, 0.4166, 0.3056

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4290, 0.3479, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6577, 0.4166, 0.3056 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(175, 91, 107)` looks like.

```
.text, #text, p{  
    color:rgb(175, 91, 107)  
}
```

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(175, 91, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 91, 107) }
```

Border

The CSS property to change the border of an element to Yxy 17.6577, 0.4166, 0.3056 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(175, 91, 107) }
```

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

```
.border{ border-color:rgb(175, 91, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 91, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 91, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 91, 107);  
box-shadow:4px 4px 4px 4px rgb(175, 91,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6577, 0.4166, 0.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 91, 107) }
```

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

```
.background{ background-color: rgb(175, 91,  
107) }
```

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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