

Converting Colors

$Y_{xy}(17.1658, 0.4079, 0.3207)$

Have a look what the booklet for
Yxy(17.1658, 0.4079, 0.3207)
contains.

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Color

Yxy(17.1978, 0.4081, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	A46065
RGB	164, 96, 101
RGB Percent	64%, 38%, 40%
CMY	0.3568, 0.6235, 0.6039
CMYK	0.00, 0.41, 0.38, 0.36
HSL	356°, 27%, 51%
HSV	356°, 41%, 64%
XYZ	21.8438, 17.1978, 14.4840
YIQ	116.9020, 38.9230, 15.9710

Conversions

Conversions Part 2

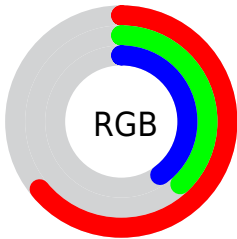
Format	Color
R_{YB}	164, 96, 101
Decimal	10772581
CIE _{Lab}	48.51, 28.21, 9.13
CIE _{LCh}	49, 29.653, 17.924
Yxy	17.1978, 0.4081, 0.3213
Android (android.graphics.Color)	4288962661 (0xFFA46065)
YUV	116.9020, -7.8397, 41.3049
Hunter-Lab	41.4702, 21.4493, 8.3213

Details

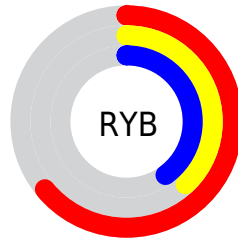
The Yxy color **17.1978, 0.4081, 0.3213** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.5441, 0.2605, 0.3374**, and the grayscale version is **17.7735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8190, 0.3850, 0.3244**, and **5.6952, 0.4528, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **14.2410, 0.4451, 0.3198**, and if you desaturate by 10%, it is **20.8357, 0.3771, 0.3232**.

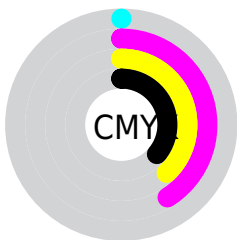
Distribution



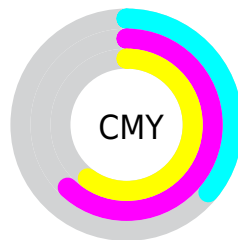
- Red (64%)
- Green (38%)
- Blue (40%)



- Red (64%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (38%)
- Black (36%)




- Cyan (36%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1978, 0.4081, 0.3213 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 17.1978, 0.4081, 0.3213 by changing the saturation by 10% instead.


 17.1978, 0.4081,
0.3213


 17.1978, 0.4081,
0.3213


236.3097, 0.3521,
0.3271


 10.3756, 0.4258,
0.3188


 38.6655, 0.3853,
0.3241


 5.6487, 0.4512,
0.3145

 54.0799, 0.3775,
0.3249

 2.6327, 0.4908,
0.3066

 73.1271, 0.3712,
0.3255

 0.9431, 0.5781,
0.2990

 96.1916, 0.3661,
0.3260

 0.0000, 1.0000,
0.0000

123.6576, 0.3617,
0.3264

 0.0000, 0.0000,
0.0000

155.9098, 0.3580,

0.3267

193.3323, 0.3549,
0.3269

■ 17.1978, 0.4081,
0.3213

■ 17.1978, 0.4081,
0.3213

■ 14.2410, 0.4451,
0.3198

■ 20.8357, 0.3771,
0.3232

■ 11.9205, 0.4875,
0.3188

■ 25.1907, 0.3518,
0.3251

■ 10.1903, 0.5327,
0.3189


■ 30.2992, 0.3313,
0.3270


■ 8.9971, 0.5759,
0.3204


■ 36.1946, 0.3148,
0.3288

■ 8.2779, 0.6107,
0.3231


■ 42.9082, 0.3016,
0.3304

 7.9204, 0.6311,
0.3250

 50.4696, 0.2908,
0.3319

 58.9069, 0.2821,
0.3332

 68.2470, 0.2749,
0.3345

 78.5154, 0.2690,
0.3356

Harmonies

Analogous

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



17.1978, 0.3594, 0.2808



17.1978, 0.4081, 0.3213



17.1978, 0.4281, 0.3662

Triad

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



17.1978, 0.4081, 0.3213



17.1978, 0.3164, 0.4264



17.1978, 0.2182, 0.2457

Complementary

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



17.1978, 0.4081, 0.3213



31.5441, 0.2605, 0.3374

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.



17.1978, 0.2095, 0.2753



17.1978, 0.4081, 0.3213



17.1978, 0.2627, 0.3847

Square

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



17.1978, 0.4081, 0.3213



17.1978, 0.3719, 0.4324



17.1978, 0.2247, 0.3258



17.1978, 0.2498, 0.2385

Rectangle

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



17.1978, 0.4081, 0.3213



17.1978, 0.4220, 0.3946



17.1978, 0.2247, 0.3258



17.1978, 0.2127, 0.2530

Sweetspot

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



17.1987, 0.4081, 0.3213



54.2399, 0.3327, 0.3268



18.3497, 0.3102, 0.2272



11.5988, 0.3350, 0.3266



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.



17.1987, 0.4081, 0.3213



26.1004, 0.4430, 0.3198



23.2377, 0.3969, 0.3738



7.0941, 0.3274, 0.3274



6.0751, 0.6298, 0.3243



0.1300, 0.5857, 0.3000

Inverse Universe

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



17.1987, 0.4081, 0.3213



26.1004, 0.4430, 0.3198



22.6832, 0.2492, 0.2787



7.0941, 0.3274, 0.3274



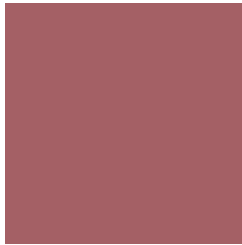
6.0751, 0.6298, 0.3243



0.1300, 0.5857, 0.3000

Previews

White Background



This preview shows how the Yxy color 17.1978, 0.4081, 0.3213 looks on a white background.

Color Contrast Check

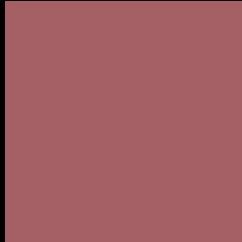
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1978, 0.4081, 0.3213 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 17.1978, 0.4081, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 17.1978, 0.4081, 0.3213.



This preview shows how white text looks on a background with the Yxy color 17.1978, 0.4081, 0.3213.

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

17.1978, 0.4081, 0.3213

Protanopia

17.3311, 0.3228, 0.3369

Deuteranopia

17.2373, 0.3602, 0.3535



Tritanopia

17.2375, 0.4050, 0.3181

Trichromacy



Original Color

17.1978, 0.4081, 0.3213

Protanomaly

16.9376, 0.3519, 0.3310

Deuteranomaly

17.1382, 0.3769, 0.3417

Tritanomaly

17.2176, 0.4065, 0.3197

Monochromacy



Original Color

17.1978, 0.4081, 0.3213

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1533, 0.3447, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1978, 0.4081, 0.3213 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(164, 96, 101)` looks like.

```
.text, #text, p{  
    color:rgb(164, 96, 101)  
}
```

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(164, 96, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 96, 101) }
```

Border

The CSS property to change the border of an element to Yxy 17.1978, 0.4081, 0.3213 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(164, 96, 101) }
```

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

```
.border{ border-color:rgb(164, 96, 101) }
```

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

Here you see how a box with a 4 pixel rgb(164, 96, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 96, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 96, 101);  
box-shadow:4px 4px 4px 4px rgb(164, 96,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1978, 0.4081, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 96, 101) }
```

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

```
.background{ background-color: rgb(164, 96,  
101) }
```

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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