

Converting Colors

$Y_{xy}(16.3260, 0.4208, 0.3215)$

Have a look what the booklet for
Yxy(16.3260, 0.4208, 0.3215)
contains.

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Color

Yxy(16.3260, 0.4208, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	A55B60
RGB	165, 91, 96
RGB Percent	65%, 36%, 38%
CMY	0.3529, 0.6431, 0.6236
CMYK	0.00, 0.45, 0.42, 0.35
HSL	356°, 29%, 50%
HSV	356°, 45%, 65%
XYZ	21.3685, 16.3260, 13.0862
YIQ	113.6960, 42.4990, 17.2430

Conversions

Conversions Part 2

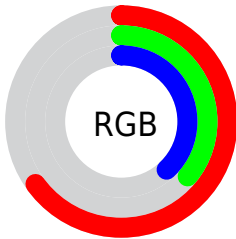
Format	Color
RYB	165, 91, 96
Decimal	10836832
CIELab	47.40, 30.76, 10.61
CIElCh	47, 32.535, 19.033
Yxy	16.3260, 0.4208, 0.3215
Android (android.graphics.Color)	4289026912 (0xFFA55B60)
YUV	113.6960, -8.7241, 44.9936
Hunter-Lab	40.4054, 23.6907, 9.0814

Details

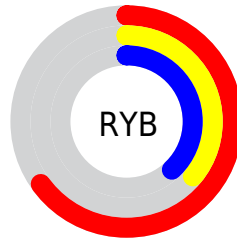
The Yxy color **16.3260, 0.4208, 0.3215** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.6735, 0.2568, 0.3373**, and the grayscale version is **16.7488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2498, 0.3946, 0.3256**, and **5.2012, 0.4707, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **13.5528, 0.4601, 0.3203**, and if you desaturate by 10%, it is **19.7766, 0.3875, 0.3231**.

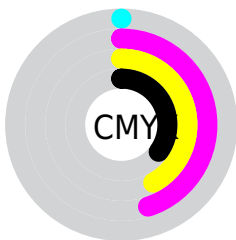
Distribution



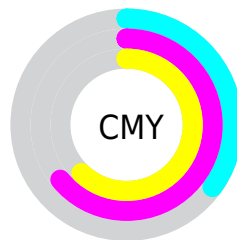
- Red (65%)
- Green (36%)
- Blue (38%)



- Red (65%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (45%)
- Yellow (42%)
- Black (35%)





- Cyan (35%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.3260, 0.4208, 0.3215 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 16.3260, 0.4208, 0.3215 by changing the saturation by 10% instead.


 16.3260, 0.4208,
0.3215


 16.3260, 0.4208,
0.3215


231.2578, 0.3569,
0.3276


 9.7551, 0.4411,
0.3186


 37.1632, 0.3946,
0.3246


 5.2369, 0.4706,
0.3136


 52.1984, 0.3858,
0.3254

 2.3869, 0.5164,
0.3039

 70.8238, 0.3786,
0.3261

 0.8192, 0.6414,
0.3031

 93.4238, 0.3727,
0.3265

 0.0000, 1.0000,
0.0000

120.3828, 0.3678,
0.3269

 0.0000, 0.0000,
0.0000

152.0852, 0.3636,

0.3272

188.9154, 0.3600,
0.3274

■ 16.3260, 0.4208,
0.3215

■ 16.3260, 0.4208,
0.3215

■ 13.5528, 0.4601,
0.3203

■ 19.7766, 0.3875,
0.3231

■ 11.4101, 0.5041,
0.3197

■ 23.9425, 0.3601,
0.3249

■ 9.8491, 0.5495,
0.3203


■ 28.8615, 0.3379,
0.3266

■ 8.8127, 0.5905,
0.3220

■ 34.5685, 0.3201,
0.3282

■ 8.2310, 0.6208,
0.3249

■ 41.0958, 0.3057,
0.3298

 8.0236, 0.6320,
0.3255

 48.4741, 0.2941,
0.3312

 56.7323, 0.2847,
0.3325

 65.8984, 0.2769,
0.3336

 75.9986, 0.2706,
0.3346

Harmonies

Analogous

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



16.3260, 0.3670, 0.2771



16.3260, 0.4208, 0.3215



16.3260, 0.4414, 0.3706

Triad

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



16.3260, 0.4208, 0.3215



16.3260, 0.3137, 0.4378



16.3260, 0.2094, 0.2360

Complementary

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



16.3260, 0.4208, 0.3215



31.6735, 0.2568, 0.3373

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.



16.3260, 0.1989, 0.2670



16.3260, 0.4208, 0.3215



16.3260, 0.2548, 0.3893

Square

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



16.3260, 0.4208, 0.3215



16.3260, 0.3754, 0.4448



16.3260, 0.2142, 0.3224



16.3260, 0.2446, 0.2296

Rectangle

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



16.3260, 0.4208, 0.3215



16.3260, 0.4331, 0.4021



16.3260, 0.2142, 0.3224



16.3260, 0.2031, 0.2435

Sweetspot

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



16.3268, 0.4208, 0.3215



53.2340, 0.3348, 0.3269



17.5539, 0.3099, 0.2193



11.1956, 0.3389, 0.3265



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.



16.3268, 0.4208, 0.3215



24.2085, 0.4607, 0.3203



22.6338, 0.4060, 0.3775



7.0933, 0.3275, 0.3275



6.0730, 0.6307, 0.3248



0.1298, 0.5901, 0.3024

Inverse Universe

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



16.3268, 0.4208, 0.3215



24.2085, 0.4607, 0.3203



22.0381, 0.2441, 0.2737



7.0933, 0.3275, 0.3275



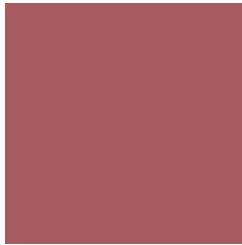
6.0730, 0.6307, 0.3248



0.1298, 0.5901, 0.3024

Previews

White Background



This preview shows how the Yxy color 16.3260, 0.4208, 0.3215 looks on a white background.

Color Contrast Check

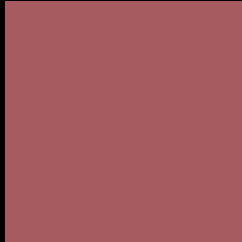
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3260, 0.4208, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

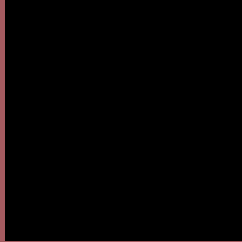
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.3260, 0.4208, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 16.3260, 0.4208, 0.3215.



This preview shows how white text looks on a background with the Yxy color 16.3260, 0.4208, 0.3215.

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

16.3260, 0.4208, 0.3215

Protanopia

16.3629, 0.3243, 0.3391

Deuteranopia

16.5529, 0.3651, 0.3597



Tritanopia

16.3446, 0.4191, 0.3199

Trichromacy



Original Color

16.3260, 0.4208, 0.3215

Protanomaly

15.9482, 0.3576, 0.3310

Deuteranomaly

16.1505, 0.3851, 0.3436

Tritanomaly

16.3446, 0.4191, 0.3199

Monochromacy



Original Color

16.3260, 0.4208, 0.3215

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3562, 0.3497, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3260, 0.4208, 0.3215 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, 91, 96)` looks like.

```
.text, #text, p{  
    color:rgb(165, 91, 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, 91, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 91, 96) }
```

Border

The CSS property to change the border of an element to Yxy 16.3260, 0.4208, 0.3215 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, 91, 96) }
```

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

```
.border{ border-color:rgb(165, 91, 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, 91, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 91, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 91, 96);  
box-shadow:4px 4px 4px 4px rgb(165, 91,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3260, 0.4208, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 91, 96) }
```

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

```
.background{ background-color: rgb(165, 91,  
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](#).

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