

Converting Colors

$Y_{xy}(16.6186, 0.4197, 0.3324)$

Have a look what the booklet for
Yxy(16.6186, 0.4197, 0.3324)
contains.

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Color

$Y_{xy}(16.6561, 0.4186, 0.3325)$

Conversions

Conversions Part 1

Format	Color
Hex	A25F5D
RGB	162, 95, 93
RGB Percent	64%, 37%, 36%
CMY	0.3647, 0.6274, 0.6352
CMYK	0.00, 0.41, 0.43, 0.36
HSL	2°, 27%, 50%
HSV	2°, 43%, 64%
XYZ	20.9692, 16.6561, 12.4683
YIQ	114.8050, 40.5740, 13.5820

Conversions

Conversions Part 2

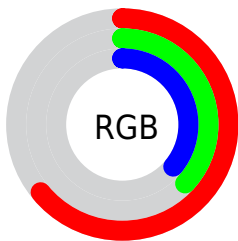
Format	Color
R_{YB}	162, 95, 93
Decimal	10641245
CIE _{Lab}	47.82, 27.02, 12.92
CIE _{LCh}	48, 29.951, 25.555
Yxy	16.6561, 0.4186, 0.3325
Android (android.graphics.Color)	4288831325 (0xFFA25F5D)
YUV	114.8050, -10.7499, 41.3900
Hunter-Lab	40.8119, 20.2925, 10.4549

Details

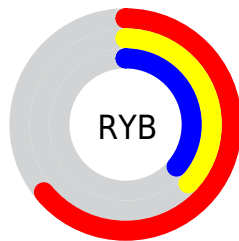
The Yxy color **16.6561, 0.4186, 0.3325** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.0828, 0.2554, 0.3254**, and the grayscale version is **17.1069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6010, 0.3935, 0.3329**, and **5.3641, 0.4664, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **13.8456, 0.4585, 0.3332**, and if you desaturate by 10%, it is **20.1015, 0.3849, 0.3317**.

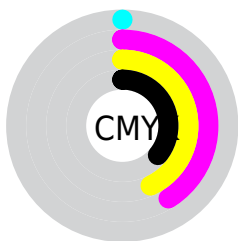
Distribution



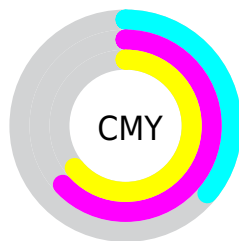
- Red (64%)
- Green (37%)
- Blue (36%)



- Red (64%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (43%)
- Black (36%)





- Cyan (36%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.6561, 0.4186, 0.3325 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 16.6561, 0.4186, 0.3325 by changing the saturation by 10% instead.


 16.6561, 0.4186,
0.3325


 16.6561, 0.4186,
0.3325


233.1827, 0.3561,
0.3324


 9.9896, 0.4384,
0.3314


 37.7335, 0.3931,
0.3331

 5.3921, 0.4670,
0.3290

 52.9133, 0.3844,
0.3331

 2.4791, 0.5112,
0.3229


 71.6995, 0.3774,
0.3330

 0.8661, 0.6469,
0.3376

 94.4767, 0.3716,
0.3329

 0.0000, 1.0000,
0.0000

121.6293, 0.3668,
0.3328

 0.0000, 0.0000,
0.0000

153.5415, 0.3627,

0.3326

190.5979, 0.3592,
0.3325

■ 16.6561, 0.4186,
0.3325

■ 16.6561, 0.4186,
0.3325

■ 13.8456, 0.4585,
0.3332

■ 20.1015, 0.3849,
0.3317

■ 11.6291, 0.5033,
0.3337

■ 24.2146, 0.3572,
0.3308

■ 9.9644, 0.5497,
0.3337


■ 29.0289, 0.3348,
0.3300

■ 8.8033, 0.5916,
0.3332

■ 34.5751, 0.3168,
0.3292


■ 8.0889, 0.6223,
0.3321


■ 40.8819, 0.3022,
0.3285

 7.7831, 0.6376,
0.3319

 47.9764, 0.2904,
0.3278

 55.8846, 0.2808,
0.3273

 64.6311, 0.2730,
0.3268

 74.2395, 0.2665,
0.3263

Harmonies

Analogous

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



16.6561, 0.3749, 0.2895



16.6561, 0.4186, 0.3325



16.6561, 0.4299, 0.3781

Triad

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



16.6561, 0.4186, 0.3325



16.6561, 0.3016, 0.4208



16.6561, 0.2225, 0.2401

Complementary

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



16.6561, 0.4186, 0.3325



30.0828, 0.2554, 0.3254

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.



16.6561, 0.2076, 0.2642



16.6561, 0.4186, 0.3325



16.6561, 0.2499, 0.3711

Square

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



16.6561, 0.4186, 0.3325



16.6561, 0.3592, 0.4366



16.6561, 0.2167, 0.3109



16.6561, 0.2600, 0.2384

Rectangle

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



16.6561, 0.4186, 0.3325



16.6561, 0.4179, 0.4057



16.6561, 0.2167, 0.3109



16.6561, 0.2149, 0.2456

Sweetspot

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



16.6569, 0.4186, 0.3325



52.0797, 0.3362, 0.3300



18.0805, 0.3189, 0.2285



11.2594, 0.3406, 0.3302



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.



16.6569, 0.4186, 0.3325



25.4168, 0.4559, 0.3332



24.0826, 0.3951, 0.3855



7.1172, 0.3284, 0.3297



6.1426, 0.6373, 0.3322



0.1383, 0.6244, 0.3424

Inverse Universe

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



30.0828, 0.2554, 0.3254



53.0356, 0.2460, 0.3246



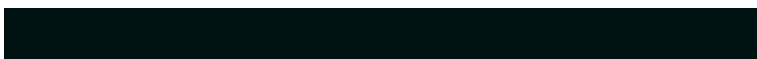
19.9499, 0.2454, 0.2641



7.9760, 0.2988, 0.3283



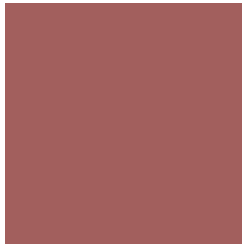
21.1516, 0.2223, 0.3201



0.4546, 0.2232, 0.3235

Previews

White Background



This preview shows how the Yxy color 16.6561, 0.4186, 0.3325 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 16.6561, 0.4186, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

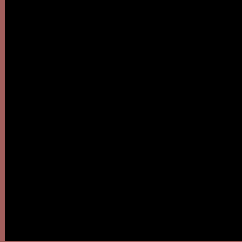
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.6561, 0.4186, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 16.6561, 0.4186, 0.3325.

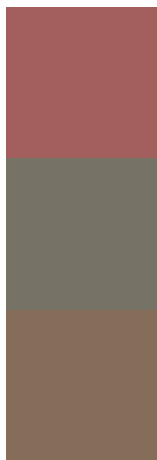


This preview shows how white text looks on a background with the Yxy color 16.6561, 0.4186, 0.3325.

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

16.6561, 0.4186, 0.3325

Protanopia

16.9159, 0.3343, 0.3529

Deuteranopia

16.6620, 0.3722, 0.3651



Tritanopia

16.7315, 0.4079, 0.3181

Trichromacy



Original Color

16.6561, 0.4186, 0.3325

Protanomaly

16.5671, 0.3635, 0.3441

Deuteranomaly

16.5853, 0.3897, 0.3524

Tritanomaly

16.6738, 0.4127, 0.3229

Monochromacy



Original Color

16.6561, 0.4186, 0.3325

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.6922, 0.3476, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.6561, 0.4186, 0.3325 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(162, 95, 93)` looks like.

```
.text, #text, p{  
  color:rgb(162, 95, 93)  
}
```

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(162, 95, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 95, 93) }
```

Border

The CSS property to change the border of an element to Yxy 16.6561, 0.4186, 0.3325 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(162, 95, 93) }
```

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

```
.border{ border-color:rgb(162, 95, 93) }
```

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

Here you see how a box with a 4 pixel rgb(162, 95, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 95, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 95, 93);  
box-shadow:4px 4px 4px 4px rgb(162, 95,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 16.6561, 0.4186, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 95, 93) }
```

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

```
.background{ background-color: rgb(162, 95,  
93) }
```

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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