

Converting Colors

$Y_{xy}(16.9820, 0.4125, 0.3325)$

Have a look what the booklet for
Yxy(16.9820, 0.4125, 0.3325)
contains.

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Color

Yxy(16.9527, 0.4127, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	A1615F
RGB	161, 97, 95
RGB Percent	63%, 38%, 37%
CMY	0.3685, 0.6196, 0.6274
CMYK	0.00, 0.40, 0.41, 0.37
HSL	2°, 26%, 50%
HSV	2°, 41%, 63%
XYZ	21.0417, 16.9527, 12.9911
YIQ	115.9080, 38.7860, 12.9460

Conversions

Conversions Part 2

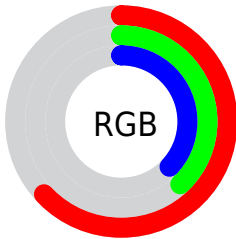
Format	Color
RYB	161, 97, 95
Decimal	10576223
CIELab	48.20, 25.75, 12.23
CIELCh	48, 28.503, 25.410
Yxy	16.9527, 0.4127, 0.3325
Android (android.graphics.Color)	4288766303 (0xFFA1615F)
YUV	115.9080, -10.3076, 39.5457
Hunter-Lab	41.1737, 19.1683, 10.1144

Details

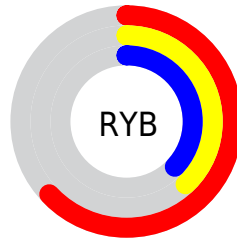
The Yxy color **16.9527, 0.4127, 0.3325** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.8164, 0.2572, 0.3254**, and the grayscale version is **17.4591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1296, 0.3895, 0.3329**, and **5.5442, 0.4585, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **14.0830, 0.4516, 0.3333**, and if you desaturate by 10%, it is **20.4528, 0.3800, 0.3316**.

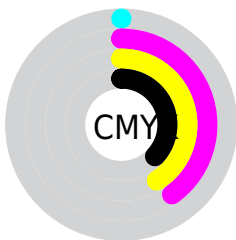
Distribution



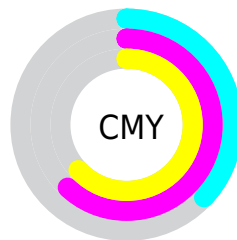
- Red (63%)
- Green (38%)
- Blue (37%)



- Red (63%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (40%)
- Yellow (41%)
- Black (37%)





- Cyan (37%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9527, 0.4127, 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 16.9527, 0.4127, 0.3325 by changing the saturation by 10% instead.


 16.9527, 0.4127,
0.3325


 16.9527, 0.4127,
0.3325


234.8997, 0.3538,
0.3322


 10.2008, 0.4313,
0.3316


 38.2444, 0.3887,
0.3329


 5.5323, 0.4581,
0.3296

 53.5530, 0.3805,
0.3329

 2.5628, 0.4997,
0.3244

 72.4826, 0.3739,
0.3328

 0.9080, 0.6163,
0.3345

 95.4176, 0.3685,
0.3327

 0.0000, 1.0000,
0.0000

122.7425, 0.3639,
0.3326

 0.0000, 0.0000,
0.0000

154.8415, 0.3600,

0.3324

192.0991, 0.3567,
0.3323

■ 16.9527, 0.4127,
0.3325

■ 16.9527, 0.4127,
0.3325

■ 14.0830, 0.4516,
0.3333

■ 20.4528, 0.3800,
0.3316

■ 11.8039, 0.4957,
0.3338

■ 24.6150, 0.3533,
0.3307

■ 10.0751, 0.5421,
0.3339


■ 29.4719, 0.3317,
0.3299

■ 8.8501, 0.5852,
0.3335


■ 35.0532, 0.3143,
0.3291


■ 8.0748, 0.6182,
0.3324

■ 41.3869, 0.3002,
0.3284

 7.6844, 0.6375,
0.3320

 48.4993, 0.2888,
0.3277

 56.4159, 0.2795,
0.3271

 65.1605, 0.2718,
0.3266

 74.7564, 0.2655,
0.3261

Harmonies

Analogous

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



16.9527, 0.3713, 0.2914



16.9527, 0.4127, 0.3325



16.9527, 0.4237, 0.3759

Triad

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



16.9527, 0.4127, 0.3325



16.9527, 0.3028, 0.4156



16.9527, 0.2268, 0.2446

Complementary

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



16.9527, 0.4127, 0.3325



29.8164, 0.2572, 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.



16.9527, 0.2126, 0.2680



16.9527, 0.4127, 0.3325



16.9527, 0.2534, 0.3691

Square

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



16.9527, 0.4127, 0.3325



16.9527, 0.3574, 0.4307



16.9527, 0.2216, 0.3125



16.9527, 0.2626, 0.2427

Rectangle

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



16.9527, 0.4127, 0.3325



16.9527, 0.4127, 0.4021



16.9527, 0.2216, 0.3125



16.9527, 0.2195, 0.2499

Sweetspot

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



16.9535, 0.4127, 0.3325



51.6295, 0.3341, 0.3300



18.3004, 0.3187, 0.2321



11.0848, 0.3365, 0.3301



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



16.9535, 0.4127, 0.3325



25.7157, 0.4471, 0.3332



24.1365, 0.3913, 0.3834



7.1185, 0.3284, 0.3297



6.1464, 0.6372, 0.3323



0.1388, 0.6238, 0.3429

Inverse Universe

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



29.8164, 0.2572, 0.3254



51.8641, 0.2479, 0.3246



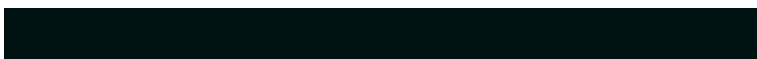
20.1639, 0.2480, 0.2670



7.9746, 0.2988, 0.3283



21.0991, 0.2222, 0.3197



0.4539, 0.2231, 0.3232

Previews

White Background



This preview shows how the Yxy color 16.9527, 0.4127, 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 16.9527, 0.4127, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

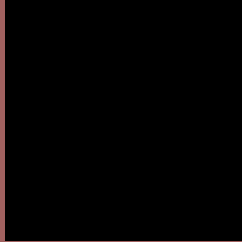
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9527, 0.4127, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 16.9527, 0.4127, 0.3325.

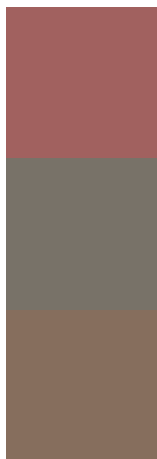


This preview shows how white text looks on a background with the Yxy color 16.9527, 0.4127, 0.3325.

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

16.9527, 0.4127, 0.3325

Protanopia

17.0272, 0.3331, 0.3488

Deuteranopia

17.0105, 0.3689, 0.3610



Tritanopia

17.0264, 0.4021, 0.3180

Trichromacy



Original Color

16.9527, 0.4127, 0.3325

Protanomaly

16.8156, 0.3602, 0.3422

Deuteranomaly

16.8406, 0.3847, 0.3488

Tritanomaly

16.9672, 0.4069, 0.3228

Monochromacy



Original Color

16.9527, 0.4127, 0.3325

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.9255, 0.3459, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9527, 0.4127, 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(161, 97, 95)` looks like.

```
.text, #text, p{  
    color:rgb(161, 97, 95)  
}
```

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(161, 97, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 97, 95) }
```

Border

The CSS property to change the border of an element to Yxy 16.9527, 0.4127, 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(161, 97, 95) }
```

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

```
.border{ border-color:rgb(161, 97, 95) }
```

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

Here you see how a box with a 4 pixel rgb(161, 97, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 97, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 97, 95);  
box-shadow:4px 4px 4px 4px rgb(161, 97,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9527, 0.4127, 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(161, 97, 95) }
```

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

```
.background{ background-color: rgb(161, 97,  
95) }
```

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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