

Converting Colors

$Yxy(16.9711, 0.3749, 0.2987)$

Have a look what the booklet for
Yxy(16.9711, 0.3749, 0.2987)
contains.

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Color

Yxy(16.9784, 0.3743, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	9D6174
RGB	157, 97, 116
RGB Percent	62%, 38%, 45%
CMY	0.3843, 0.6196, 0.5450
CMYK	0.00, 0.38, 0.26, 0.38
HSL	341°, 24%, 50%
HSV	341°, 38%, 62%
XYZ	21.3327, 16.9784, 18.6825
YIQ	117.1060, 29.6610, 18.6290

Conversions

Conversions Part 2

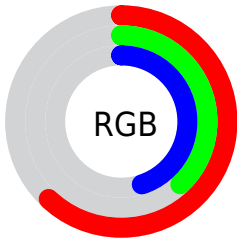
Format	Color
R_{YB}	157, 97, 116
Decimal	10314100
CIE _{Lab}	48.23, 26.99, -0.39
CIE _{LCh}	48, 26.997, 359.173
Yxy	16.9784, 0.3743, 0.2979
Android (android.graphics.Color)	4288504180 (0xFF9D6174)
YUV	117.1060, -0.5453, 34.9870
Hunter-Lab	41.2049, 20.3051, 1.9610

Details

The Yxy color **16.9784, 0.3743, 0.2979** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.4898, 0.2749, 0.3631**, and the grayscale version is **17.8192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4682, 0.3597, 0.3058**, and **5.5570, 0.4019, 0.2845** is the 20% darker color. If you saturate the color by 10%, you get **14.1239, 0.3990, 0.2900**, and if you desaturate by 10%, it is **20.4375, 0.3536, 0.3063**.

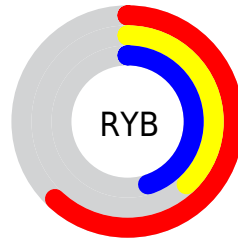
Distribution



Red (62%)

Green (38%)

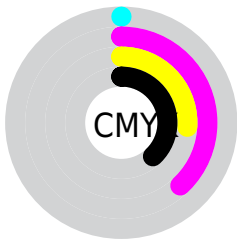
Blue (45%)



Red (62%)

Yellow (38%)

Blue (45%)

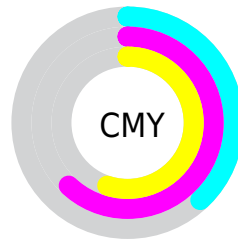


Cyan (0%)

Magenta (38%)

Yellow (26%)

Black (38%)



Cyan (38%)

Magenta (62%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9784, 0.3743, 0.2979 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 16.9784, 0.3743, 0.2979 by changing the saturation by 10% instead.


 16.9784, 0.3743,
0.2979


 16.9784, 0.3743,
0.2979

235.0479, 0.3384,
0.3160


 10.2191, 0.3855,
0.2922


 38.2886, 0.3597,
0.3052


 5.5445, 0.4018,
0.2841

 53.6083, 0.3548,
0.3077

 2.5701, 0.4271,
0.2715

 72.5503, 0.3507,
0.3098

 0.9117, 0.4719,
0.2491

 95.4989, 0.3474,
0.3114

 0.0000, 1.0000,
0.0000

122.8386, 0.3446,
0.3129

 0.0000, 0.0000,
0.0000

154.9537, 0.3423,

0.3141

192.2287, 0.3402,
0.3151

■ 16.9784, 0.3743,
0.2979

■ 16.9784, 0.3743,
0.2979

■ 14.1239, 0.3990,
0.2900

■ 20.4375, 0.3536,
0.3063

■ 11.8367, 0.4278,
0.2833

■ 24.5309, 0.3364,
0.3147

■ 10.0787, 0.4603,
0.2789


■ 29.2895, 0.3224,
0.3227

■ 8.8065, 0.4950,
0.2778


■ 34.7411, 0.3108,
0.3303


■ 7.9695, 0.5296,
0.2812

■ 40.9121, 0.3014,
0.3373

 7.4741, 0.5615,
0.2885

 47.8275, 0.2936,
0.3438

 7.3965, 0.5670,
0.2897

 55.5112, 0.2873,
0.3496

 63.9857, 0.2820,
0.3550

 73.2729, 0.2776,
0.3599

Harmonies

Analogous

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



16.9784, 0.3218, 0.2660



16.9784, 0.3743, 0.2979



16.9784, 0.4104, 0.3379

Triad

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



16.9784, 0.3743, 0.2979



16.9784, 0.3491, 0.4251



16.9784, 0.2179, 0.2673

Complementary

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



16.9784, 0.3743, 0.2979



28.4898, 0.2749, 0.3631

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.



16.9784, 0.2237, 0.3074



16.9784, 0.3743, 0.2979



16.9784, 0.2971, 0.4064

Square

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



16.9784, 0.3743, 0.2979



16.9784, 0.3935, 0.4123



16.9784, 0.2517, 0.3602



16.9784, 0.2342, 0.2474

Rectangle

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



16.9784, 0.3743, 0.2979



16.9784, 0.4184, 0.3657



16.9784, 0.2517, 0.3602



16.9784, 0.2173, 0.2786

Sweetspot

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



16.9792, 0.3743, 0.2979



49.7733, 0.3263, 0.3204



16.3023, 0.2915, 0.2298



10.7157, 0.3280, 0.3194



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



16.9792, 0.3743, 0.2979



25.9146, 0.3955, 0.2910



18.5468, 0.3975, 0.3458



6.6791, 0.3237, 0.3219



6.0134, 0.5650, 0.2886



0.1147, 0.4638, 0.2329

Inverse Universe

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



16.9792, 0.3743, 0.2979



25.9146, 0.3955, 0.2910



25.8434, 0.2583, 0.3112



6.6791, 0.3237, 0.3219



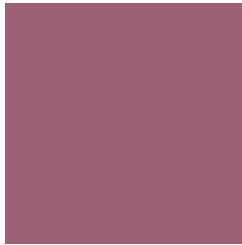
6.0134, 0.5650, 0.2886



0.1147, 0.4638, 0.2329

Previews

White Background



This preview shows how the Yxy color 16.9784, 0.3743, 0.2979 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 16.9784, 0.3743, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

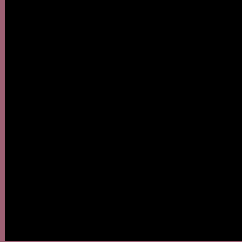
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9784, 0.3743, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 16.9784, 0.3743, 0.2979.



This preview shows how white text looks on a background with the Yxy color 16.9784, 0.3743, 0.2979.

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

16.9784, 0.3743, 0.2979

Protanopia

17.1184, 0.2986, 0.3057

Deuteranopia

17.0194, 0.3292, 0.3233



Tritanopia

17.0322, 0.3873, 0.3176

Trichromacy



Original Color

16.9784, 0.3743, 0.2979

Protanomaly

16.8761, 0.3248, 0.3031

Deuteranomaly

16.8642, 0.3443, 0.3127

Tritanomaly

16.9291, 0.3817, 0.3093

Monochromacy



Original Color

16.9784, 0.3743, 0.2979

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.3417, 0.3336, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9784, 0.3743, 0.2979 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(157, 97, 116)` looks like.

```
.text, #text, p{  
    color:rgb(157, 97, 116)  
}
```

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(157, 97, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 97, 116) }
```

Border

The CSS property to change the border of an element to Yxy 16.9784, 0.3743, 0.2979 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(157, 97, 116) }
```

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

```
.border{ border-color:rgb(157, 97, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 97, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 97, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 97, 116); box-shadow:4px 4px 4px 4px rgb(157, 97, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9784, 0.3743, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 97, 116) }
```

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

```
.background{ background-color: rgb(157, 97,  
116) }
```

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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