

Converting Colors

$Y_{xy}(19.9230, 0.2980, 0.3909)$

Have a look what the booklet for
Yxy(19.9230, 0.2980, 0.3909)
contains.

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Color

$Y_{xy}(20.0296, 0.2980, 0.3914)$

Conversions

Conversions Part 1

Format	Color
Hex	5C8567
RGB	92, 133, 103
RGB Percent	36%, 52%, 40%
CMY	0.6392, 0.4784, 0.5961
CMYK	0.31, 0.00, 0.23, 0.48
HSL	136°, 18%, 44%
HSV	136°, 31%, 52%
XYZ	15.2499, 20.0296, 15.8947
YIQ	117.3210, -14.8060, -18.0220

Conversions

Conversions Part 2

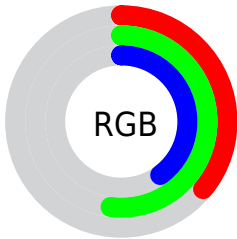
Format	Color
RYB	92, 124, 133
Decimal	6063463
CIELab	51.87, -20.85, 11.71
CIELCh	52, 23.915, 150.682
Yxy	20.0296, 0.2980, 0.3914
Android (android.graphics.Color)	4284253543 (0xFF5C8567)
YUV	117.3210, -7.0603, -22.2065
Hunter-Lab	44.7544, -17.4970, 10.2710

Details

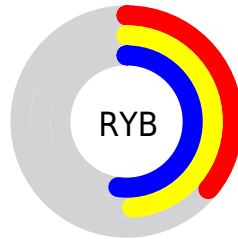
The Yxy color $20.0296, 0.2980, 0.3914$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.0477, 0.3317, 0.2739$, and the grayscale version is $17.9206, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.2905, 0.3016, 0.3761$, and $7.0075, 0.2903, 0.4198$ is the 20% darker color. If you saturate the color by 10%, you get $19.2203, 0.2938, 0.4159$, and if you desaturate by 10%, it is $20.9836, 0.3026, 0.3689$.

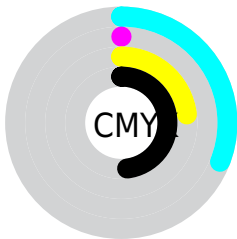
Distribution



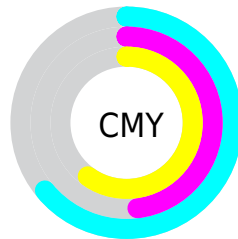
- Red (36%)
- Green (52%)
- Blue (40%)



- Red (36%)
- Yellow (49%)
- Blue (52%)



- Cyan (31%)
- Magenta (0%)
- Yellow (23%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.0296, 0.2980, 0.3914 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 20.0296, 0.2980, 0.3914 by changing the saturation by 10% instead.

■ 20.0296, 0.2980,
0.3914

■ 20.0296, 0.2980,
0.3914

■ 252.0753, 0.3070,
0.3546

■ 12.4166, 0.2949,
0.4032

■ 43.4668, 0.3018,
0.3763

■ 7.0280, 0.2903,
0.4204

■ 60.0598, 0.3030,
0.3712

■ 3.4796, 0.2825,
0.4479

■ 80.4148, 0.3040,
0.3671

■ 1.3870, 0.2702,
0.5063

■ 104.9164, 0.3049,
0.3637

■ 0.2071, 0.0000,
1.0000

■ 133.9488, 0.3055,
0.3609

■ 0.0000, 0.0000,
0.0000

167.8965, 0.3061,

0.3585

207.1439, 0.3066,
0.3564

■ 20.0296, 0.2980,
0.3914

■ 20.0296, 0.2980,
0.3914

■ 19.2203, 0.2938,
0.4159

■ 20.9836, 0.3026,
0.3689

■ 18.5460, 0.2902,
0.4421

■ 22.0865, 0.3075,
0.3485

■ 18.0001, 0.2877,
0.4691


■ 23.3450, 0.3123,
0.3304


■ 17.5739, 0.2863,
0.4959

■ 24.7651, 0.3171,
0.3144


■ 17.2581, 0.2863,
0.5214


■ 26.3523, 0.3217,
0.3003

 17.0415, 0.2877,
0.5443

 28.1118, 0.3261,
0.2881

 16.9008, 0.2896,
0.5625

 30.0486, 0.3303,
0.2773

 32.1675, 0.3342,
0.2680

 34.4732, 0.3379,
0.2599

Harmonies

Analogous

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



20.0296, 0.3419, 0.4088



20.0296, 0.2980, 0.3914



20.0296, 0.2598, 0.3530

Triad

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



20.0296, 0.2980, 0.3914



20.0296, 0.2473, 0.2594



20.0296, 0.3953, 0.3392

Complementary

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



20.0296, 0.2980, 0.3914



14.0477, 0.3317, 0.2739

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.



20.0296, 0.3664, 0.3045



20.0296, 0.2980, 0.3914



20.0296, 0.2795, 0.2601

Square

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



20.0296, 0.2980, 0.3914



20.0296, 0.2322, 0.2761



20.0296, 0.3230, 0.2764



20.0296, 0.3999, 0.3740

Rectangle

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



20.0296, 0.2980, 0.3914



20.0296, 0.2422, 0.3236



20.0296, 0.3230, 0.2764



20.0296, 0.3881, 0.3273

Sweetspot

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



20.0304, 0.2980, 0.3914



39.8969, 0.3082, 0.3454



21.6909, 0.3438, 0.4062



8.9275, 0.3076, 0.3478



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



20.0304, 0.2980, 0.3914



34.8254, 0.2950, 0.4084



20.4921, 0.2787, 0.3481



5.2238, 0.3083, 0.3453



16.0992, 0.2895, 0.5621



0.0569, 0.2680, 0.4850

Inverse Universe

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



14.0477, 0.3317, 0.2739



22.3257, 0.3373, 0.2612



13.5932, 0.3632, 0.3109



4.7421, 0.3175, 0.3132



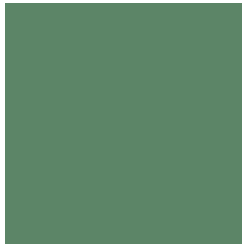
5.5791, 0.4000, 0.1977



0.0205, 0.3571, 0.1741

Previews

White Background



This preview shows how the Yxy color 20.0296, 0.2980, 0.3914 looks on a white 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

Black Background



This preview shows how the Yxy color 20.0296, 0.2980, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

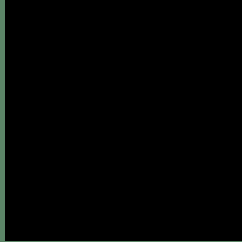
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0296, 0.2980, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 20.0296, 0.2980, 0.3914.



This preview shows how white text looks on a background with the Yxy color 20.0296, 0.2980, 0.3914.

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

20.0296, 0.2980, 0.3914

Protanopia

19.8731, 0.3523, 0.3755

Deuteranopia

19.8970, 0.3573, 0.3522



Tritanopia

19.9551, 0.2703, 0.3078

Trichromacy



Original Color

20.0296, 0.2980, 0.3914

Protanomaly

19.8808, 0.3307, 0.3816

Deuteranomaly

19.6462, 0.3333, 0.3653

Tritanomaly

19.9584, 0.2797, 0.3369

Monochromacy



Original Color

20.0296, 0.2980, 0.3914

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

18.5239, 0.3069, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0296, 0.2980, 0.3914 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(92, 133, 103)` looks like.

```
.text, #text, p{  
    color:rgb(92, 133, 103)  
}
```

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(92, 133, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 133, 103) }
```

Border

The CSS property to change the border of an element to Yxy 20.0296, 0.2980, 0.3914 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(92, 133, 103) }
```

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

```
.border{ border-color:rgb(92, 133, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 133, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 133, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 133, 103);  
box-shadow:4px 4px 4px 4px rgb(92, 133,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0296, 0.2980, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 133, 103) }
```

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

```
.background{ background-color: rgb(92, 133,  
103) }
```

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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