

Converting Colors

$Y_{xy}(20.1367, 0.3086, 0.4163)$

Have a look what the booklet for
Yxy(20.1367, 0.3086, 0.4163)
contains.

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Color

$\text{Yxy}(20.0982, 0.3086, 0.4171)$

Conversions

Conversions Part 1

Format	Color
Hex	5C865C
RGB	92, 134, 92
RGB Percent	36%, 53%, 36%
CMY	0.6392, 0.4745, 0.6393
CMYK	0.31, 0.00, 0.31, 0.47
HSL	120°, 19%, 44%
HSV	120°, 31%, 53%
XYZ	14.8701, 20.0982, 13.2173
YIQ	116.6540, -11.5500, -21.9660

Conversions

Conversions Part 2

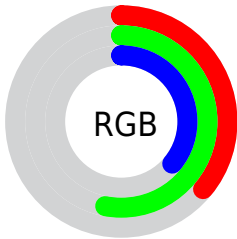
Format	Color
RYB	92, 134, 134
Decimal	6063708
CIELab	51.95, -23.46, 18.12
CIElCh	52, 29.646, 142.313
Yxy	20.0982, 0.3086, 0.4171
Android (android.graphics.Color)	4284253788 (0xFF5C865C)
YUV	116.6540, -12.1544, -21.6216
Hunter-Lab	44.8310, -19.2473, 13.9015

Details

The Yxy color $20.0982, 0.3086, 0.4171$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.4405, 0.3162, 0.2543$, and the grayscale version is $17.7176, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.4229, 0.3112, 0.3957$, and $7.0734, 0.3038, 0.4570$ is the 20% darker color. If you saturate the color by 10%, you get $19.2551, 0.3070, 0.4508$, and if you desaturate by 10%, it is $21.1064, 0.3101, 0.3857$.

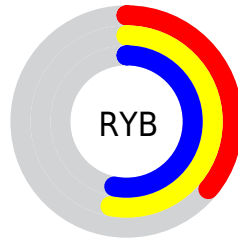
Distribution



Red (36%)

Green (53%)

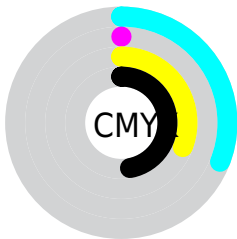
Blue (36%)



Red (36%)

Yellow (53%)

Blue (53%)

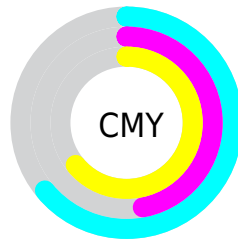


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (47%)



Cyan (64%)


Magenta (47%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0982, 0.3086, 0.4171 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 20.0982, 0.3086, 0.4171 by changing the saturation by 10% instead.


 20.0982, 0.3086,
0.4171

 20.0982, 0.3086,
0.4171

252.4462, 0.3121,
0.3648


 12.4664, 0.3068,
0.4340


 43.5818, 0.3104,
0.3956


 7.0622, 0.3037,
0.4586


 60.2024, 0.3109,
0.3883

 3.5010, 0.2974,
0.4978

 80.5880, 0.3113,
0.3825

 1.3986, 0.3034,
0.6199

 105.1232, 0.3115,
0.3777

 0.2157, 0.0000,
1.0000

134.1922, 0.3117,
0.3737

 0.0000, 0.0000,
0.0000

168.1794, 0.3119,

0.3703

207.4693, 0.3120,
0.3673

■ 20.0982, 0.3086,
0.4171

■ 20.0982, 0.3086,
0.4171

■ 19.2551, 0.3070,
0.4508

■ 21.1064, 0.3101,
0.3857

■ 18.5660, 0.3054,
0.4855

■ 22.2852, 0.3114,
0.3573

■ 18.0224, 0.3038,
0.5191


■ 23.6429, 0.3126,
0.3322

■ 17.6137, 0.3024,
0.5493


■ 25.1865, 0.3136,
0.3102

■ 17.3283, 0.3013,
0.5735


■ 26.9226, 0.3145,
0.2912


 17.1522, 0.3005,
0.5900

 28.8576, 0.3152,
0.2748

 17.0515, 0.3000,
0.6000

 30.9975, 0.3159,
0.2607

 33.3480, 0.3165,
0.2486

 35.9147, 0.3169,
0.2382

Harmonies

Analogous

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



20.0982, 0.3620, 0.4284



20.0982, 0.3086, 0.4171



20.0982, 0.2588, 0.3740

Triad

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



20.0982, 0.3086, 0.4171



20.0982, 0.2257, 0.2473



20.0982, 0.4080, 0.3281

Complementary

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



20.0982, 0.3086, 0.4171



14.4405, 0.3162, 0.2543

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.



20.0982, 0.3650, 0.2882



20.0982, 0.3086, 0.4171



20.0982, 0.2589, 0.2433

Square

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



20.0982, 0.3086, 0.4171



20.0982, 0.2140, 0.2727



20.0982, 0.3092, 0.2581



20.0982, 0.4223, 0.3711

Rectangle

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



20.0982, 0.3086, 0.4171



20.0982, 0.2341, 0.3367



20.0982, 0.3092, 0.2581



20.0982, 0.3962, 0.3142

Sweetspot

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



20.0991, 0.3086, 0.4171



39.7511, 0.3117, 0.3516



22.6993, 0.3585, 0.4030



8.8908, 0.3115, 0.3549



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.



20.0991, 0.3086, 0.4171



34.2720, 0.3074, 0.4422



20.5022, 0.2891, 0.3733



5.2048, 0.3117, 0.3514



15.9789, 0.3000, 0.6000



0.0554, 0.3001, 0.5999

Inverse Universe

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



14.4405, 0.3162, 0.2543



22.5813, 0.3170, 0.2370



13.9285, 0.3457, 0.2887



4.7628, 0.3137, 0.3076



6.3589, 0.3208, 0.1541



0.0220, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 20.0982, 0.3086, 0.4171 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 20.0982, 0.3086, 0.4171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

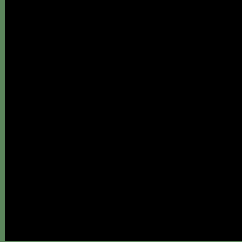
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0982, 0.3086, 0.4171

Background



This preview shows how black text looks on a background with the Yxy color 20.0982, 0.3086, 0.4171.



This preview shows how white text looks on a background with the Yxy color 20.0982, 0.3086, 0.4171.

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

20.0982, 0.3086, 0.4171

Protanopia

19.8406, 0.3681, 0.3953

Deuteranopia

19.8028, 0.3772, 0.3694



Tritanopia

20.0400, 0.2732, 0.3098

Trichromacy



Original Color

20.0982, 0.3086, 0.4171

Protanomaly

19.7516, 0.3442, 0.4032

Deuteranomaly

19.6591, 0.3501, 0.3860

Tritanomaly

19.9424, 0.2865, 0.3469

Monochromacy



Original Color

20.0982, 0.3086, 0.4171

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

18.4368, 0.3113, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0982, 0.3086, 0.4171 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, 134, 92)` looks like.

```
.text, #text, p{  
    color:rgb(92, 134, 92)  
}
```

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, 134, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 134, 92) }
```

Border

The CSS property to change the border of an element to Yxy 20.0982, 0.3086, 0.4171 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, 134, 92) }
```

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

```
.border{ border-color:rgb(92, 134, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 134, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 134, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 134, 92);  
box-shadow:4px 4px 4px 4px rgb(92, 134,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0982, 0.3086, 0.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 134, 92) }
```

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

```
.background{ background-color: rgb(92, 134,  
92) }
```

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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