

Converting Colors

$Y_{xy}(19.1289, 0.3382, 0.4197)$

Have a look what the booklet for
Yxy(19.1289, 0.3382, 0.4197)
contains.

Yxy(19.2510, 0.3377, 0.4203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(19.2510, 0.3377, 0.4203)$

Conversions

Conversions Part 1

Format	Color
Hex	6C8053
RGB	108, 128, 83
RGB Percent	42%, 50%, 33%
CMY	0.5763, 0.4981, 0.6745
CMYK	0.16, 0.00, 0.35, 0.50
HSL	87°, 21%, 41%
HSV	87°, 35%, 50%
XYZ	15.4677, 19.2510, 11.0843
YIQ	116.8900, 2.5250, -18.2350

Conversions

Conversions Part 2

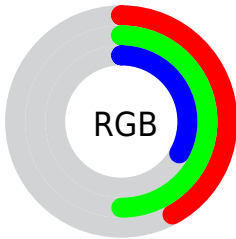
Format	Color
R_{YB}	83, 128, 103
Decimal	7110739
CIE _{Lab}	50.98, -15.72, 22.10
CIE _{LCh}	51, 27.120, 125.436
Yxy	19.2510, 0.3377, 0.4203
Android (android.graphics.Color)	4285300819 (0xFF6C8053)
YUV	116.8900, -16.7078, -7.7965
Hunter-Lab	43.8760, -13.8560, 15.7348

Details

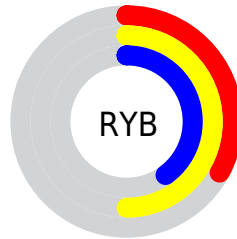
The Yxy color **19.2510, 0.3377, 0.4203** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.6268, 0.2794, 0.2361**, and the grayscale version is **17.8074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2148, 0.3327, 0.3984**, and **6.6862, 0.3454, 0.4625** is the 20% darker color. If you saturate the color by 10%, you get **18.7273, 0.3436, 0.4484**, and if you desaturate by 10%, it is **19.8361, 0.3310, 0.3926**.

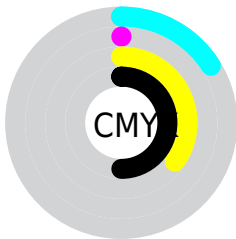
Distribution



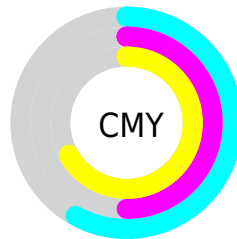
- Red (42%)
- Green (50%)
- Blue (33%)



- Red (33%)
- Yellow (50%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (35%)
- Black (50%)



- Cyan (58%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.2510, 0.3377, 0.4203 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 19.2510, 0.3377, 0.4203 by changing the saturation by 10% instead.

■ 19.2510, 0.3377,
0.4203

■ 19.2510, 0.3377,
0.4203

■ 247.8309, 0.3246,
0.3664

■ 11.8518, 0.3409,
0.4374

■ 42.1578, 0.3329,
0.3983

■ 6.6428, 0.3446,
0.4620

■ 58.4342, 0.3311,
0.3908

■ 3.2398, 0.3480,
0.5001

■ 78.4384, 0.3296,
0.3848

■ 1.2581, 0.3801,
0.6199

■ 102.5549, 0.3283,
0.3798

■ 0.1084, 0.0000,
1.0000

■ 131.1679, 0.3271,
0.3756

■ 0.0000, 0.0000,
0.0000

164.6621, 0.3262,

0.3721

203.4216, 0.3253,
0.3691

■ 19.2510, 0.3377,
0.4203

■ 19.2510, 0.3377,
0.4203

■ 18.7273, 0.3436,
0.4484

■ 19.8361, 0.3310,
0.3926

■ 18.2601, 0.3483,
0.4759

■ 20.4823, 0.3238,
0.3660

■ 17.8474, 0.3513,
0.5017


■ 21.1927, 0.3165,
0.3411


■ 17.4864, 0.3524,
0.5244

■ 21.9692, 0.3092,
0.3181

■ 17.1738, 0.3513,
0.5429

■ 22.8139, 0.3022,
0.2970


 16.9048, 0.3482,
0.5568

 23.7285, 0.2954,
0.2780

 16.7844, 0.3466,
0.5630

 24.7148, 0.2891,
0.2608

 25.7745, 0.2831,
0.2454

 26.9093, 0.2776,
0.2316

Harmonies

Analogous

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



19.2510, 0.3831, 0.4141



19.2510, 0.3377, 0.4203



19.2510, 0.2877, 0.3957

Triad

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



19.2510, 0.3377, 0.4203



19.2510, 0.2226, 0.2639



19.2510, 0.3812, 0.3067

Complementary

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



19.2510, 0.3377, 0.4203



10.6268, 0.2794, 0.2361

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.



19.2510, 0.3325, 0.2736



19.2510, 0.3377, 0.4203



19.2510, 0.2427, 0.2487

Square

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



19.2510, 0.3377, 0.4203



19.2510, 0.2237, 0.2989



19.2510, 0.2817, 0.2528



19.2510, 0.4106, 0.3463

Rectangle

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



19.2510, 0.3377, 0.4203



19.2510, 0.2586, 0.3654



19.2510, 0.2817, 0.2528



19.2510, 0.3663, 0.2946

Sweetspot

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



19.2518, 0.3377, 0.4203



36.5392, 0.3210, 0.3561



14.8146, 0.3786, 0.3675



8.5228, 0.3218, 0.3589



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.2518, 0.3377, 0.4203



33.1680, 0.3424, 0.4423



18.0402, 0.3113, 0.4282



4.9274, 0.3194, 0.3507



16.6451, 0.3466, 0.5630



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.6268, 0.2794, 0.2361



15.6483, 0.2699, 0.2132



12.1049, 0.3121, 0.2446



4.2978, 0.3056, 0.3072



2.4027, 0.1949, 0.0847



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.2510, 0.3377, 0.4203 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 19.2510, 0.3377, 0.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

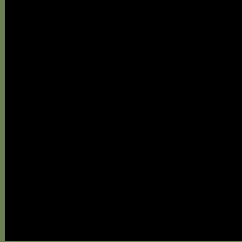
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2510, 0.3377, 0.4203

Background



This preview shows how black text looks on a background with the Yxy color 19.2510, 0.3377, 0.4203.



This preview shows how white text looks on a background with the Yxy color 19.2510, 0.3377, 0.4203.

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

19.2510, 0.3377, 0.4203

Protanopia

19.0792, 0.3749, 0.4054

Deuteranopia

19.0920, 0.3887, 0.3820



Tritanopia

19.2298, 0.2934, 0.3101

Trichromacy



Original Color

19.2510, 0.3377, 0.4203

Protanomaly

19.2203, 0.3612, 0.4117

Deuteranomaly

18.9141, 0.3695, 0.3945

Tritanomaly

19.0750, 0.3094, 0.3486

Monochromacy



Original Color

19.2510, 0.3377, 0.4203

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

18.2721, 0.3225, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2510, 0.3377, 0.4203 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(108, 128, 83)` looks like.

```
.text, #text, p{  
    color:rgb(108, 128, 83)  
}
```

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(108, 128, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 128, 83) }
```

Border

The CSS property to change the border of an element to Yxy 19.2510, 0.3377, 0.4203 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(108, 128, 83) }
```

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

```
.border{ border-color:rgb(108, 128, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 128, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 128, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 128, 83);  
box-shadow:4px 4px 4px 4px rgb(108, 128,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2510, 0.3377, 0.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 128, 83) }
```

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

```
.background{ background-color: rgb(108,  
128, 83) }
```

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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