

Converting Colors

$Yxy(17.5023, 0.2587, 0.4262)$

Have a look what the booklet for
Yxy(17.5023, 0.2587, 0.4262)
contains.

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Color

Yxy(17.5082, 0.2588, 0.4261)

Conversions

Conversions Part 1

Format	Color
Hex	1B845C
RGB	27, 132, 92
RGB Percent	11%, 52%, 36%
CMY	0.8944, 0.4823, 0.6392
CMYK	0.80, 0.00, 0.30, 0.48
HSL	157°, 66%, 31%
HSV	157°, 80%, 52%
XYZ	10.6339, 17.5082, 12.9473
YIQ	96.0450, -49.7400, -34.7000

Conversions

Conversions Part 2

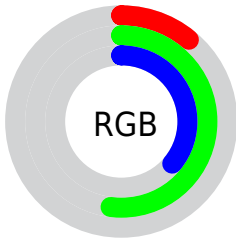
Format	Color
R_{YB}	27, 92, 132
Decimal	1803356
CIE _{Lab}	48.89, -38.79, 13.54
CIE _{LCh}	49, 41.082, 160.760
Yxy	17.5082, 0.2588, 0.4261
Android (android.graphics.Color)	4279993436 (0xFF1B845C)
YUV	96.0450, -1.9942, -60.5525
Hunter-Lab	41.8428, -27.8609, 10.9441

Details

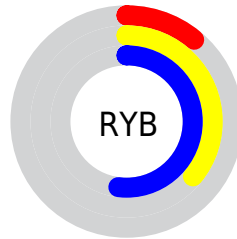
The Yxy color **17.5082, 0.2588, 0.4261** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **6.0906, 0.4766, 0.2659**, and the grayscale version is **11.7181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2445, 0.2730, 0.4018**, and **6.0821, 0.2624, 0.4644** is the 20% darker color. If you saturate the color by 10%, you get **17.2831, 0.2586, 0.4404**, and if you desaturate by 10%, it is **17.8214, 0.2609, 0.4118**.

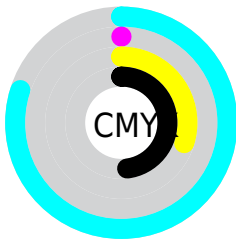
Distribution



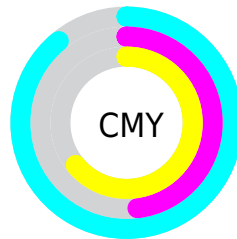
- Red (11%)
- Green (52%)
- Blue (36%)



- Red (11%)
- Yellow (36%)
- Blue (52%)



- Cyan (80%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)




- Cyan (89%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5082, 0.2588, 0.4261 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 17.5082, 0.2588, 0.4261 by changing the saturation by 10% instead.


 17.5082, 0.2588,
0.4261


 17.5082, 0.2588,
0.4261


238.0842, 0.2914,
0.3669


 10.5975, 0.2479,
0.4463


 39.1975, 0.2724,
0.4011


 5.7969, 0.2316,
0.4768

 54.7449, 0.2770,
0.3929


 2.7220, 0.2050,
0.5276

 73.9399, 0.2806,
0.3863

 0.9884, 0.0000,
0.8872

 97.1671, 0.2835,
0.3810

 0.0000, 0.0000,
0.0000

 124.8107, 0.2860,
0.3766

 157.2551, 0.2881,

0.3728

194.8848, 0.2898,
0.3696

■ 17.5082, 0.2588,
0.4261

■ 17.5082, 0.2588,
0.4261

■ 17.2831, 0.2586,
0.4404

■ 17.8214, 0.2609,
0.4118

■ 17.1160, 0.2597,
0.4545

■ 18.2302, 0.2648,
0.3977

■ 17.1096, 0.2597,
0.4550

■ 18.7439, 0.2704,
0.3842

■ 19.3699, 0.2773,
0.3712

■ 20.1148, 0.2853,
0.3592

■ 20.9850, 0.2941,
0.3480

■ 21.9862, 0.3034,
0.3378

■ 23.1238, 0.3131,
0.3287

■ 24.4029, 0.3229,
0.3204

Harmonies

Analogous

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



17.5082, 0.3326, 0.4735



17.5082, 0.2588, 0.4261



17.5082, 0.2037, 0.3420

Triad

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



17.5082, 0.2588, 0.4261



17.5082, 0.2159, 0.2095



17.5082, 0.4687, 0.3594

Complementary

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



17.5082, 0.2588, 0.4261



6.0906, 0.4766, 0.2659

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.



17.5082, 0.4310, 0.3027



17.5082, 0.2588, 0.4261



17.5082, 0.2765, 0.2210

Square

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



17.5082, 0.2588, 0.4261



17.5082, 0.1829, 0.2233



17.5082, 0.3564, 0.2540



17.5082, 0.4566, 0.4169

Rectangle

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



17.5082, 0.2588, 0.4261



17.5082, 0.1833, 0.2891



17.5082, 0.3564, 0.2540



17.5082, 0.4616, 0.3400

Sweetspot

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



17.5089, 0.2588, 0.4261



36.1776, 0.2897, 0.3534



17.7833, 0.3321, 0.5479



8.3155, 0.2870, 0.3569



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.



17.5089, 0.2588, 0.4261



30.2052, 0.2598, 0.4523



15.2700, 0.2227, 0.3009



5.2496, 0.3039, 0.3374



16.5660, 0.2597, 0.4549



0.0588, 0.2423, 0.3923

Inverse Universe

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



6.0906, 0.4766, 0.2659



9.2223, 0.5325, 0.2741



6.4479, 0.5610, 0.3463



4.7159, 0.3224, 0.3208



4.9757, 0.5385, 0.2740



0.0186, 0.4365, 0.2178

Previews

White Background



This preview shows how the Yxy color 17.5082, 0.2588, 0.4261 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 17.5082, 0.2588, 0.4261 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 17.5082, 0.2588, 0.4261

Background



This preview shows how black text looks on a background with the Yxy color 17.5082, 0.2588, 0.4261.



This preview shows how white text looks on a background with the Yxy color 17.5082, 0.2588, 0.4261.

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

17.5082, 0.2588, 0.4261

Protanopia

17.2024, 0.3626, 0.3879

Deuteranopia

17.2185, 0.3616, 0.3554



Tritanopia

17.4317, 0.2336, 0.3053

Trichromacy



Original Color

17.5082, 0.2588, 0.4261

Protanomaly

16.5032, 0.3104, 0.4028

Deuteranomaly

16.3996, 0.3090, 0.3817

Tritanomaly

17.3111, 0.2414, 0.3447

Monochromacy



Original Color

17.5082, 0.2588, 0.4261

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

13.1031, 0.2810, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5082, 0.2588, 0.4261 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(27, 132, 92)` looks like.

```
.text, #text, p{  
    color:rgb(27, 132, 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(27, 132, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 132, 92) }
```

Border

The CSS property to change the border of an element to Yxy 17.5082, 0.2588, 0.4261 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(27, 132, 92) }
```

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

```
.border{ border-color:rgb(27, 132, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 132, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 132, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 132, 92);  
box-shadow:4px 4px 4px 4px rgb(27, 132,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5082, 0.2588, 0.4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 132, 92) }
```

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

```
.background{ background-color: rgb(27, 132,  
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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