

Converting Colors

$Y_{xy}(17.4903, 0.2761, 0.4067)$

Have a look what the booklet for
Yxy(17.4903, 0.2761, 0.4067)
contains.

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Color

Yxy(17.5509, 0.2765, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	3E815F
RGB	62, 129, 95
RGB Percent	24%, 51%, 37%
CMY	0.7571, 0.4941, 0.6274
CMYK	0.52, 0.00, 0.26, 0.49
HSL	150°, 35%, 37%
HSV	150°, 52%, 51%
XYZ	11.9000, 17.5509, 13.5871
YIQ	105.0910, -29.0180, -24.7780

Conversions

Conversions Part 2

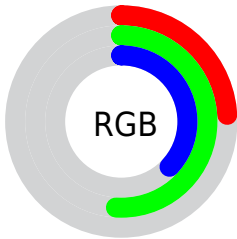
Format	Color
RYB	62, 107, 129
Decimal	4096351
CIELab	48.95, -29.81, 12.03
CIElCh	49, 32.147, 158.015
Yxy	17.5509, 0.2765, 0.4078
Android (android.graphics.Color)	4282286431 (0xFF3E815F)
YUV	105.0910, -4.9749, -37.7908
Hunter-Lab	41.8938, -22.6109, 10.0966

Details

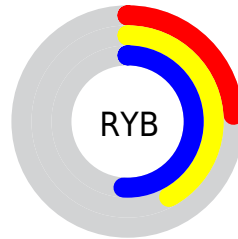
The Yxy color **17.5509, 0.2765, 0.4078** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8.9512, 0.3796, 0.2637**, and the grayscale version is **14.1691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1086, 0.2852, 0.3865**, and **5.8137, 0.2574, 0.4467** is the 20% darker color. If you saturate the color by 10%, you get **17.0693, 0.2724, 0.4265**, and if you desaturate by 10%, it is **18.1430, 0.2819, 0.3900**.

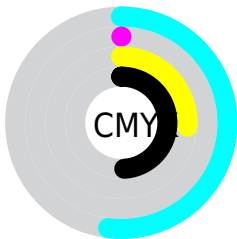
Distribution



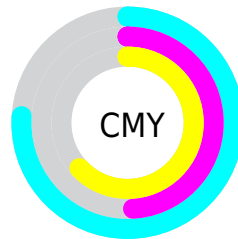
- Red (24%)
- Green (51%)
- Blue (37%)



- Red (24%)
- Yellow (42%)
- Blue (51%)



- Cyan (52%)
- Magenta (0%)
- Yellow (26%)
- Black (49%)





- Cyan (76%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5509, 0.2765, 0.4078 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 17.5509, 0.2765, 0.4078 by changing the saturation by 10% instead.


 17.5509, 0.2765,
0.4078


 17.5509, 0.2765,
0.4078


238.3274, 0.2985,
0.3601


 10.6280, 0.2691,
0.4239


 39.2706, 0.2857,
0.3878


 5.8173, 0.2580,
0.4480

 54.8362, 0.2888,
0.3812


 2.7343, 0.2394,
0.4882

 74.0515, 0.2912,
0.3759

 0.9947, 0.1479,
0.6881

 97.3009, 0.2932,
0.3716

 0.0000, 0.0000,
0.0000

 124.9688, 0.2948,
0.3680

157.4396, 0.2962,

0.3649

195.0976, 0.2974,
0.3623

■ 17.5509, 0.2765,
0.4078

■ 17.5509, 0.2765,
0.4078

■ 17.0693, 0.2724,
0.4265

■ 18.1430, 0.2819,
0.3900

■ 16.6885, 0.2698,
0.4457

■ 18.8500, 0.2884,
0.3733

■ 16.4011, 0.2691,
0.4648

■ 19.6788, 0.2956,
0.3579

■ 16.1972, 0.2702,
0.4835

■ 20.6350, 0.3033,
0.3439

■ 16.0684, 0.2717,
0.4981

■ 21.7240, 0.3111,
0.3313

■ 22.9507, 0.3191,
0.3201

■ 24.3200, 0.3270,
0.3101

■ 25.8362, 0.3346,
0.3013

■ 27.5037, 0.3421,
0.2936

Harmonies

Analogous

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



17.5509, 0.3364, 0.4411



17.5509, 0.2765, 0.4078



17.5509, 0.2292, 0.3464

Triad

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



17.5509, 0.2765, 0.4078



17.5509, 0.2317, 0.2324



17.5509, 0.4340, 0.3521

Complementary

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



17.5509, 0.2765, 0.4078



8.9512, 0.3796, 0.2637

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.



17.5509, 0.4008, 0.3052



17.5509, 0.2765, 0.4078



17.5509, 0.2795, 0.2396

Square

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



17.5509, 0.2765, 0.4078



17.5509, 0.2060, 0.2473



17.5509, 0.3418, 0.2655



17.5509, 0.4299, 0.3986

Rectangle

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



17.5509, 0.2765, 0.4078



17.5509, 0.2102, 0.3048



17.5509, 0.3418, 0.2655



17.5509, 0.4268, 0.3361

Sweetspot

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



17.5516, 0.2765, 0.4078



36.1662, 0.2999, 0.3499



18.5694, 0.3437, 0.4690



8.1211, 0.2986, 0.3523



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.



17.5516, 0.2765, 0.4078



30.4513, 0.2719, 0.4293



18.2810, 0.2486, 0.3312



4.8513, 0.3055, 0.3401



15.6654, 0.2716, 0.4979



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.9512, 0.3796, 0.2637



13.3007, 0.4025, 0.2520



8.4671, 0.4512, 0.3273



4.3778, 0.3206, 0.3181



4.9282, 0.4865, 0.2454



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.5509, 0.2765, 0.4078 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 17.5509, 0.2765, 0.4078 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 17.5509, 0.2765, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 17.5509, 0.2765, 0.4078.



This preview shows how white text looks on a background with the Yxy color 17.5509, 0.2765, 0.4078.

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

17.5509, 0.2765, 0.4078

Protanopia

17.4971, 0.3570, 0.3818

Deuteranopia

17.2563, 0.3588, 0.3516



Tritanopia

17.5530, 0.2501, 0.3079

Trichromacy



Original Color

17.5509, 0.2765, 0.4078

Protanomaly

17.1968, 0.3220, 0.3929

Deuteranomaly

16.9645, 0.3222, 0.3707

Tritanomaly

17.5430, 0.2593, 0.3420

Monochromacy



Original Color

17.5509, 0.2765, 0.4078

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

15.0981, 0.2962, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5509, 0.2765, 0.4078 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(62, 129, 95)` looks like.

```
.text, #text, p{  
    color:rgb(62, 129, 95)  
}
```

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(62, 129, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 129, 95) }
```

Border

The CSS property to change the border of an element to Yxy 17.5509, 0.2765, 0.4078 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(62, 129, 95) }
```

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

```
.border{ border-color:rgb(62, 129, 95) }
```

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

Here you see how a box with a 4 pixel rgb(62, 129, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 129, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 129, 95);  
box-shadow:4px 4px 4px 4px rgb(62, 129,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5509, 0.2765, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 129, 95) }
```

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

```
.background{ background-color: rgb(62, 129,  
95) }
```

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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