

Converting Colors

$Y_{xy}(17.5758, 0.3336, 0.4191)$

Have a look what the booklet for
Yxy(17.5758, 0.3336, 0.4191)
contains.

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Color

Yxy(17.5267, 0.3326, 0.4184)

Conversions

Conversions Part 1

Format	Color
Hex	657B51
RGB	101, 123, 81
RGB Percent	40%, 48%, 32%
CMY	0.6040, 0.5176, 0.6824
CMYK	0.18, 0.00, 0.34, 0.52
HSL	91°, 21%, 40%
HSV	91°, 34%, 48%
XYZ	13.9326, 17.5267, 10.4306
YIQ	111.6340, 0.3700, -17.7260

Conversions

Conversions Part 2

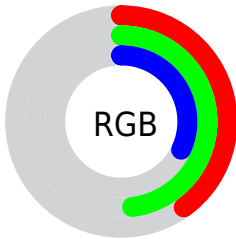
Format	Color
R_{YB}	81, 123, 103
Decimal	6650705
CIE _{Lab}	48.92, -16.18, 20.41
CIE _{LCh}	49, 26.049, 128.402
Yxy	17.5267, 0.3326, 0.4184
Android (android.graphics.Color)	4284840785 (0xFF657B51)
YUV	111.6340, -15.1026, -9.3260
Hunter-Lab	41.8649, -13.8591, 14.5334

Details

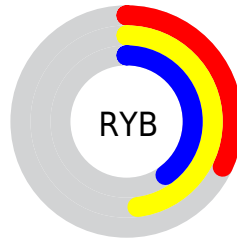
The Yxy color **17.5267, 0.3326, 0.4184** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.1981, 0.2858, 0.2406**, and the grayscale version is **16.1342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4617, 0.3290, 0.3963**, and **5.7758, 0.3382, 0.4629** is the 20% darker color. If you saturate the color by 10%, you get **17.0016, 0.3373, 0.4473**, and if you desaturate by 10%, it is **18.1159, 0.3272, 0.3902**.

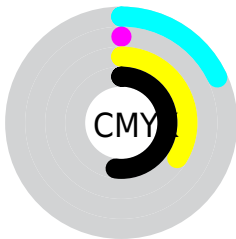
Distribution



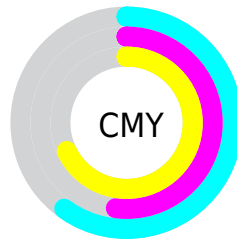
- Red (40%)
- Green (48%)
- Blue (32%)



- Red (32%)
- Yellow (48%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (34%)
- Black (52%)




- Cyan (60%)
- Magenta (52%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5267, 0.3326, 0.4184 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 17.5267, 0.3326, 0.4184 by changing the saturation by 10% instead.


 17.5267, 0.3326,
0.4184


 17.5267, 0.3326,
0.4184

238.1896, 0.3222,
0.3649


 10.6107, 0.3350,
0.4359


 39.2292, 0.3288,
0.3962


 5.8057, 0.3377,
0.4616

 54.7844, 0.3274,
0.3888


 2.7273, 0.3398,
0.5029

 73.9883, 0.3262,
0.3828

 0.9911, 0.3541,
0.6459

 97.2251, 0.3251,
0.3779

 0.0000, 0.0000,
0.0000

 124.8792, 0.3242,
0.3738

157.3350, 0.3235,

0.3704

194.9771, 0.3228,
0.3674

■ 17.5267, 0.3326,
0.4184

■ 17.5267, 0.3326,
0.4184

■ 17.0016, 0.3373,
0.4473

■ 18.1159, 0.3272,
0.3902

■ 16.5360, 0.3409,
0.4761

■ 18.7694, 0.3213,
0.3635

■ 16.1279, 0.3429,
0.5034


■ 19.4900, 0.3152,
0.3387


■ 15.7744, 0.3432,
0.5278


■ 20.2799, 0.3092,
0.3160


■ 15.4722, 0.3415,
0.5481


■ 21.1410, 0.3033,
0.2954

 15.2171, 0.3380,
0.5635

 22.0751, 0.2977,
0.2768

 15.0832, 0.3357,
0.5716

 23.0842, 0.2924,
0.2602

 24.1699, 0.2874,
0.2453

 25.3340, 0.2828,
0.2321

Harmonies

Analogous

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



17.5267, 0.3787, 0.4151



17.5267, 0.3326, 0.4184



17.5267, 0.2833, 0.3911

Triad

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



17.5267, 0.3326, 0.4184



17.5267, 0.2244, 0.2621



17.5267, 0.3845, 0.3106

Complementary

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



17.5267, 0.3326, 0.4184



10.1981, 0.2858, 0.2406

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.



17.5267, 0.3375, 0.2768



17.5267, 0.3326, 0.4184



17.5267, 0.2464, 0.2489

Square

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



17.5267, 0.3326, 0.4184



17.5267, 0.2234, 0.2950



17.5267, 0.2866, 0.2548



17.5267, 0.4111, 0.3502

Rectangle

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



17.5267, 0.3326, 0.4184



17.5267, 0.2553, 0.3601



17.5267, 0.2866, 0.2548



17.5267, 0.3704, 0.2984

Sweetspot

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



17.5275, 0.3326, 0.4184



34.0964, 0.3189, 0.3536



14.4462, 0.3737, 0.3730



7.9955, 0.3196, 0.3565



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.5275, 0.3326, 0.4184



30.6341, 0.3364, 0.4411



16.5215, 0.3075, 0.4238



4.5348, 0.3182, 0.3506



15.5977, 0.3356, 0.5717



73.9027, 0.3320, 0.5746

Inverse Universe

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



10.1981, 0.2858, 0.2406



15.3985, 0.2778, 0.2185



11.5075, 0.3176, 0.2495



3.9873, 0.3068, 0.3074



2.6209, 0.2103, 0.0932



11.9921, 0.2053, 0.0905

Previews

White Background



This preview shows how the Yxy color 17.5267, 0.3326, 0.4184 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 17.5267, 0.3326, 0.4184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

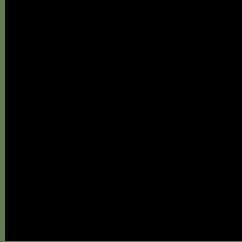
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5267, 0.3326, 0.4184

Background



This preview shows how black text looks on a background with the Yxy color 17.5267, 0.3326, 0.4184.



This preview shows how white text looks on a background with the Yxy color 17.5267, 0.3326, 0.4184.

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

17.5267, 0.3326, 0.4184

Protanopia

17.4765, 0.3736, 0.4024

Deuteranopia

17.4122, 0.3863, 0.3786



Tritanopia

17.4430, 0.2904, 0.3093

Trichromacy



Original Color

17.5267, 0.3326, 0.4184

Protanomaly

17.5401, 0.3580, 0.4093

Deuteranomaly

17.2460, 0.3666, 0.3914

Tritanomaly

17.3227, 0.3056, 0.3475

Monochromacy



Original Color

17.5267, 0.3326, 0.4184

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.6185, 0.3203, 0.3602

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5267, 0.3326, 0.4184 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(101, 123, 81)` looks like.

```
.text, #text, p{  
    color:rgb(101, 123, 81)  
}
```

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(101, 123, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 123, 81) }
```

Border

The CSS property to change the border of an element to Yxy 17.5267, 0.3326, 0.4184 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(101, 123, 81) }
```

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

```
.border{ border-color:rgb(101, 123, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 123, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 123, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 123, 81);  
box-shadow:4px 4px 4px 4px rgb(101, 123,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5267, 0.3326, 0.4184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 123, 81) }
```

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

```
.background{ background-color: rgb(101,  
123, 81) }
```

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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