

Converting Colors

$Yxy(17.8397, 0.2818, 0.4556)$

Have a look what the booklet for
Yxy(17.8397, 0.2818, 0.4556)
contains.

Yxy(17.7452, 0.2817, 0.4554)	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

Yxy(17.7452, 0.2817, 0.4554)

Conversions

Conversions Part 1

Format	Color
Hex	32844F
RGB	50, 132, 79
RGB Percent	20%, 52%, 31%
CMY	0.8041, 0.4823, 0.6902
CMYK	0.62, 0.00, 0.40, 0.48
HSL	141°, 45%, 36%
HSV	141°, 62%, 52%
XYZ	10.9768, 17.7452, 10.2442
YIQ	101.4400, -31.8590, -33.8670

Conversions

Conversions Part 2

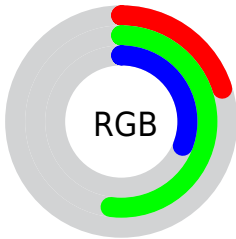
Format	Color
RYB	50, 111, 132
Decimal	3310671
CIELab	49.19, -37.48, 21.42
CIElCh	49, 43.173, 150.247
Yxy	17.7452, 0.2817, 0.4554
Android (android.graphics.Color)	4281500751 (0xFF32844F)
YUV	101.4400, -11.0629, -45.1129
Hunter-Lab	42.1251, -27.2060, 15.0691




Details

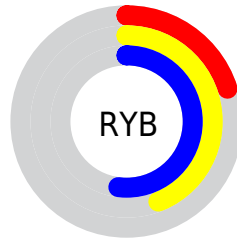
The Yxy color **17.7452, 0.2817, 0.4554** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8.1630, 0.3746, 0.2334**, and the grayscale version is **13.1673, 0.3127, 0.3290**.




A 20% lighter version of the original color is **39.7060, 0.2908, 0.4222**, and **5.9947, 0.2764, 0.5151** is the 20% darker color. If you saturate the color by 10%, you get **17.3413, 0.2801, 0.4796**, and if you desaturate by 10%, it is **18.2632, 0.2847, 0.4314**.

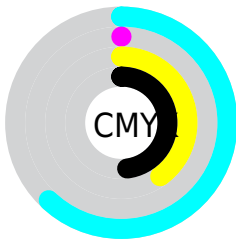
Distribution







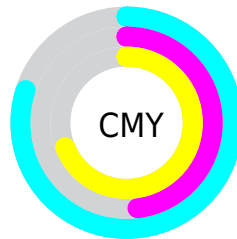
-  Red (20%)
-  Green (52%)
-  Blue (31%)






-  Red (20%)
-  Yellow (44%)
-  Blue (52%)



-  Cyan (62%)
-  Magenta (0%)
-  Yellow (40%)
-  Black (48%)




-  Cyan (80%)
-  Magenta (48%)
-  Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7452, 0.2817, 0.4554 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 17.7452, 0.2817, 0.4554 by changing the saturation by 10% instead.


 17.7452, 0.2817,
0.4554


 17.7452, 0.2817,
0.4554


239.4309, 0.3020,
0.3778


 10.7672, 0.2739,
0.4820


 39.6027, 0.2908,
0.4226


 5.9105, 0.2613,
0.5221

 55.2509, 0.2936,
0.4117


 2.7907, 0.2389,
0.5891

 74.5581, 0.2958,
0.4032

 1.0235, 0.0479,
0.9521

 97.9085, 0.2975,
0.3962

 0.0000, 0.0000,
0.0000

 125.6866, 0.2990,
0.3904

 158.2768, 0.3002,

0.3855

196.0634, 0.3012,
0.3814

■ 17.7452, 0.2817,
0.4554

■ 17.7452, 0.2817,
0.4554

■ 17.3413, 0.2801,
0.4796

■ 18.2632, 0.2847,
0.4314

■ 17.0402, 0.2801,
0.5032

■ 18.9014, 0.2889,
0.4082

■ 16.8319, 0.2818,
0.5251

■ 19.6677, 0.2939,
0.3865

■ 16.7071, 0.2836,
0.5409

■ 20.5689, 0.2995,
0.3665

■ 21.6114, 0.3054,
0.3484

■ 22.8009, 0.3114,
0.3322

■ 24.1431, 0.3174,
0.3179

■ 25.6432, 0.3233,
0.3052

■ 27.3061, 0.3290,
0.2941

Harmonies

Analogous

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



17.7452, 0.3604, 0.4828



17.7452, 0.2817, 0.4554



17.7452, 0.2158, 0.3745

Triad

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



17.7452, 0.2817, 0.4554



17.7452, 0.1968, 0.2066



17.7452, 0.4679, 0.3387

Complementary

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



17.7452, 0.2817, 0.4554



8.1630, 0.3746, 0.2334

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.



17.7452, 0.4119, 0.2823



17.7452, 0.2817, 0.4554



17.7452, 0.2497, 0.2100

Square

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



17.7452, 0.2817, 0.4554



17.7452, 0.1730, 0.2309



17.7452, 0.3278, 0.2369



17.7452, 0.4726, 0.3988

Rectangle

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



17.7452, 0.2817, 0.4554



17.7452, 0.1874, 0.3145



17.7452, 0.3278, 0.2369



17.7452, 0.4543, 0.3191

Sweetspot

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



17.7459, 0.2817, 0.4554



36.7037, 0.3011, 0.3614



19.6350, 0.3602, 0.4893



8.4447, 0.2996, 0.3661



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.



17.7459, 0.2817, 0.4554



30.2823, 0.2799, 0.4904



18.5301, 0.2486, 0.3561



5.2300, 0.3072, 0.3434



16.1761, 0.2835, 0.5406



0.0573, 0.2605, 0.4579

Inverse Universe

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



8.1630, 0.3746, 0.2334



11.8414, 0.3959, 0.2196



7.5352, 0.4705, 0.3074



4.7356, 0.3187, 0.3151



5.3902, 0.4314, 0.2150



0.0201, 0.3721, 0.1824

Previews

White Background



This preview shows how the Yxy color 17.7452, 0.2817, 0.4554 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 17.7452, 0.2817, 0.4554 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 17.7452, 0.2817, 0.4554

Background



This preview shows how black text looks on a background with the Yxy color 17.7452, 0.2817, 0.4554.



This preview shows how white text looks on a background with the Yxy color 17.7452, 0.2817, 0.4554.

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

17.7452, 0.2817, 0.4554

Protanopia

17.4838, 0.3811, 0.4113

Deuteranopia

17.4122, 0.3863, 0.3786



Tritanopia

17.6098, 0.2451, 0.3078

Trichromacy



Original Color

17.7452, 0.2817, 0.4554

Protanomaly

17.0797, 0.3369, 0.4302

Deuteranomaly

16.8670, 0.3395, 0.4071

Tritanomaly

17.6682, 0.2580, 0.3579

Monochromacy



Original Color

17.7452, 0.2817, 0.4554

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

14.1725, 0.2967, 0.3737

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7452, 0.2817, 0.4554 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(50, 132, 79)` looks like.

```
.text, #text, p{  
    color:rgb(50, 132, 79)  
}
```

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(50, 132, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 132, 79) }
```

Border

The CSS property to change the border of an element to Yxy 17.7452, 0.2817, 0.4554 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(50, 132, 79) }
```

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

```
.border{ border-color:rgb(50, 132, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 132, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 132, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 132, 79);  
box-shadow:4px 4px 4px 4px rgb(50, 132,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7452, 0.2817, 0.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 132, 79) }
```

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

```
.background{ background-color: rgb(50, 132,  
79) }
```

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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