

Converting Colors

$Yxy(54.5436, 0.2925, 0.4473)$

Have a look what the booklet for
Yxy(54.5436, 0.2925, 0.4473)
contains.

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Color

Yxy(54.7545, 0.2927, 0.4484)

Conversions

Conversions Part 1

Format	Color
Hex	6FD987
RGB	111, 217, 135
RGB Percent	44%, 85%, 53%
CMY	0.5647, 0.1490, 0.4705
CMYK	0.49, 0.00, 0.38, 0.15
HSL	134°, 58%, 64%
HSV	134°, 49%, 85%
XYZ	35.7418, 54.7545, 31.6145
YIQ	175.9580, -36.8540, -47.9740

Conversions

Conversions Part 2

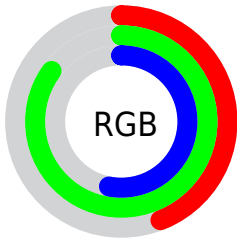
Format	Color
RYB	111, 197, 217
Decimal	7330183
CIELab	78.90, -48.15, 31.18
CIELCh	79, 57.369, 147.073
Yxy	54.7545, 0.2927, 0.4484
Android (android.graphics.Color)	4285520263 (0xFF6FD987)
YUV	175.9580, -20.1923, -56.9682
Hunter-Lab	73.9963, -43.2740, 26.4661

Details

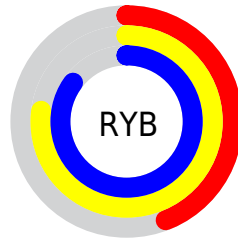
The Yxy color **54.7545, 0.2927, 0.4484** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **29.9683, 0.3437, 0.2345**, and the grayscale version is **43.5155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5190, 0.2971, 0.4061**, and **26.8336, 0.2842, 0.4854** is the 20% darker color. If you saturate the color by 10%, you get **53.0799, 0.2903, 0.4778**, and if you desaturate by 10%, it is **56.8500, 0.2960, 0.4198**.

Distribution



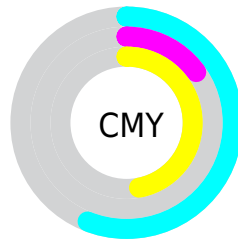
- Red (44%)
- Green (85%)
- Blue (53%)



- Red (44%)
- Yellow (77%)
- Blue (85%)



- Cyan (49%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)




- Cyan (56%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7545, 0.2927, 0.4484 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 54.7545, 0.2927, 0.4484 by changing the saturation by 10% instead.


 54.7545, 0.2927,
0.4484


 54.7545, 0.2927,
0.4484


404.9807, 0.3046,
0.3864

 39.2052, 0.2891,
0.4644

 97.1812, 0.2975,
0.4254

 26.9194, 0.2841,
0.4853


 124.8273, 0.2992,
0.4169

 17.5127, 0.2769,
0.5134


 157.2746, 0.3005,
0.4098

 10.6007, 0.2656,
0.5529

194.9073, 0.3016,
0.4037

 5.7990, 0.2464,
0.6117

238.1098, 0.3026,
0.3985

 2.7233, 0.2237,
0.7493

287.2666, 0.3034,

 0.9890, 0.0000,

0.3939

1.0000

342.7621, 0.3040,
0.3899

■ 0.0000, 0.0000,
0.0000

■ 54.7545, 0.2927,
0.4484

■ 54.7545, 0.2927,
0.4484

■ 53.0799, 0.2903,
0.4778

■ 56.8500, 0.2960,
0.4198

■ 51.7908, 0.2890,
0.5067

■ 59.3855, 0.3000,
0.3929

■ 50.8570, 0.2892,
0.5336


■ 62.3871, 0.3043,
0.3684

■ 50.2405, 0.2907,
0.5567

■ 65.8768, 0.3088,
0.3464


■ 49.8840, 0.2933,
0.5749

■ 69.8753, 0.3132,
0.3269

 49.8513, 0.2935,
0.5767

 74.4021, 0.3175,
0.3098

 77.9473, 0.3161,
0.2944

 78.1079, 0.3145,
0.2920

Harmonies

Analogous

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



54.7545, 0.3654, 0.4686



54.7545, 0.2927, 0.4484



54.7545, 0.2293, 0.3794

Triad

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



54.7545, 0.2927, 0.4484



54.7545, 0.2018, 0.2169



54.7545, 0.4511, 0.3334

Complementary

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



54.7545, 0.2927, 0.4484



29.9683, 0.3437, 0.2345

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.



54.7545, 0.3960, 0.2812



54.7545, 0.2927, 0.4484



54.7545, 0.2485, 0.2172

Square

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



54.7545, 0.2927, 0.4484



54.7545, 0.1823, 0.2433



54.7545, 0.3187, 0.2401



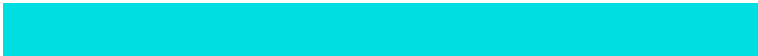
54.7545, 0.4615, 0.3895

Rectangle

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



54.7545, 0.2927, 0.4484



54.7545, 0.2005, 0.3249



54.7545, 0.3187, 0.2401



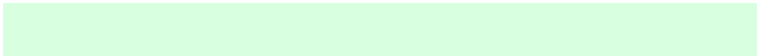
54.7545, 0.4370, 0.3152

Sweetspot

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



54.7568, 0.2927, 0.4484



91.6927, 0.3060, 0.3599



62.2493, 0.3656, 0.4557



19.4047, 0.3050, 0.3647



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



54.7568, 0.2927, 0.4484



76.3501, 0.2902, 0.4798



56.5933, 0.2641, 0.3706



14.6544, 0.3085, 0.3476



30.1893, 0.2929, 0.5746



1.9690, 0.2843, 0.5434

Inverse Universe

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



29.9683, 0.3437, 0.2345



36.4865, 0.3528, 0.2172



28.0433, 0.4086, 0.2930



13.2217, 0.3172, 0.3111



10.6537, 0.3877, 0.1910



0.7028, 0.3747, 0.1838

Previews

White Background



This preview shows how the Yxy color 54.7545, 0.2927, 0.4484 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 54.7545, 0.2927, 0.4484 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 ✓ Pass

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

Yxy 54.7545, 0.2927, 0.4484

Background



This preview shows how black text looks on a background with the Yxy color 54.7545, 0.2927, 0.4484.



This preview shows how white text looks on a background with the Yxy color 54.7545, 0.2927, 0.4484.

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

54.7545, 0.2927, 0.4484

Protanopia

53.9388, 0.3800, 0.4106

Deuteranopia

53.8938, 0.3877, 0.3794



Tritanopia

54.3759, 0.2534, 0.3068

Trichromacy



Original Color

54.7545, 0.2927, 0.4484



Protanomaly

52.9400, 0.3436, 0.4254



Deuteranomaly

52.3614, 0.3481, 0.4039



Tritanomaly

54.1399, 0.2673, 0.3550

Monochromacy



Original Color

54.7545, 0.2927, 0.4484



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

46.5102, 0.3036, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7545, 0.2927, 0.4484 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(111, 217, 135)` looks like.

```
.text, #text, p{  
    color:rgb(111, 217, 135)  
}
```

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(111, 217, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 217, 135) }
```

Border

The CSS property to change the border of an element to Yxy 54.7545, 0.2927, 0.4484 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(111, 217, 135) }
```

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

```
.border{ border-color:rgb(111, 217, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 217, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 217, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 217, 135);  
box-shadow:4px 4px 4px 4px rgb(111, 217,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7545, 0.2927, 0.4484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 217, 135) }
```

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

```
.background{ background-color: rgb(111,  
217, 135) }
```

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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