

Converting Colors

Yxy(52.6320, 0.3042, 0.4474)

Have a look what the booklet for
Yxy(52.6320, 0.3042, 0.4474)
contains.

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Color

Yxy(52.5602, 0.3040, 0.4465)

Conversions

Conversions Part 1

Format	Color
Hex	7DD382
RGB	125, 211, 130
RGB Percent	49%, 83%, 51%
CMY	0.5096, 0.1726, 0.4903
CMYK	0.41, 0.00, 0.38, 0.17
HSL	123°, 49%, 66%
HSV	123°, 41%, 83%
XYZ	35.7857, 52.5602, 29.3701
YIQ	176.0520, -25.2550, -43.4230

Conversions

Conversions Part 2

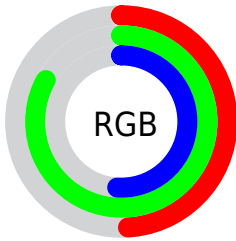
Format	Color
RYB	125, 206, 211
Decimal	8246146
CIELab	77.61, -42.47, 32.18
CIELCh	78, 53.282, 142.847
Yxy	52.5602, 0.3040, 0.4465
Android (android.graphics.Color)	4286436226 (0xFF7DD382)
YUV	176.0520, -22.7036, -44.7726
Hunter-Lab	72.4984, -38.7635, 26.7297

Details

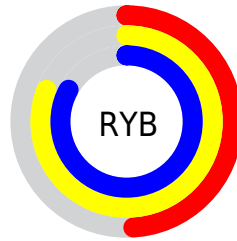
The Yxy color **52.5602, 0.3040, 0.4465** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **32.9895, 0.3222, 0.2344**, and the grayscale version is **43.5815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8044, 0.3071, 0.4104**, and **25.6435, 0.2987, 0.4840** is the 20% darker color. If you saturate the color by 10%, you get **50.6552, 0.3020, 0.4808**, and if you desaturate by 10%, it is **54.9102, 0.3062, 0.4134**.

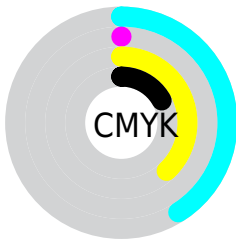
Distribution



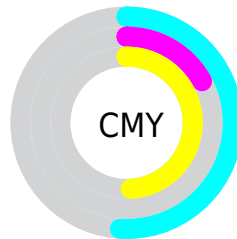
- Red (49%)
- Green (83%)
- Blue (51%)



- Red (49%)
- Yellow (81%)
- Blue (83%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (17%)



- Cyan (51%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5602, 0.3040, 0.4465 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 52.5602, 0.3040, 0.4465 by changing the saturation by 10% instead.


 52.5602, 0.3040,
0.4465


 52.5602, 0.3040,
0.4465


396.5955, 0.3104,
0.3854

 37.4518, 0.3017,
0.4624


 93.9569, 0.3068,
0.4238

 25.5575, 0.2983,
0.4830


 121.0140, 0.3078,
0.4154

 16.4929, 0.2930,
0.5108


 152.8227, 0.3085,
0.4084

 9.8736, 0.2842,
0.5499

189.7676, 0.3090,
0.4024

 5.3152, 0.2681,
0.6080

232.2328, 0.3095,
0.3973

 2.4334, 0.2513,
0.7487

280.6030, 0.3099,

 0.8430, 0.0000,

0.3928

1.0000

335.2624, 0.3102,
0.3888

■ 0.0000, 0.0000,
0.0000

■ 52.5602, 0.3040,
0.4465

■ 52.5602, 0.3040,
0.4465

■ 50.6552, 0.3020,
0.4808

■ 54.9102, 0.3062,
0.4134

■ 49.1611, 0.3004,
0.5145

■ 57.7236, 0.3084,
0.3827

■ 48.0495, 0.2992,
0.5450


■ 61.0261, 0.3105,
0.3550


■ 47.2854, 0.2987,
0.5700


■ 64.8392, 0.3126,
0.3307

■ 46.8277, 0.2988,
0.5876

■ 69.1833, 0.3145,
0.3094

 46.6139, 0.2991,
0.5969

 74.0778, 0.3162,
0.2911

 75.0671, 0.3147,
0.2861

Harmonies

Analogous

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



52.5602, 0.3726, 0.4591



52.5602, 0.3040, 0.4465



52.5602, 0.2414, 0.3870

Triad

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



52.5602, 0.3040, 0.4465



52.5602, 0.2031, 0.2246



52.5602, 0.4379, 0.3265

Complementary

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



52.5602, 0.3040, 0.4465



32.9895, 0.3222, 0.2344

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.



52.5602, 0.3816, 0.2775



52.5602, 0.3040, 0.4465



52.5602, 0.2443, 0.2212

Square

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



52.5602, 0.3040, 0.4465



52.5602, 0.1882, 0.2541



52.5602, 0.3083, 0.2403



52.5602, 0.4546, 0.3799

Rectangle

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



52.5602, 0.3040, 0.4465



52.5602, 0.2113, 0.3361



52.5602, 0.3083, 0.2403



52.5602, 0.4228, 0.3093

Sweetspot

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



52.5624, 0.3040, 0.4465



92.9307, 0.3102, 0.3587



61.2914, 0.3697, 0.4304



19.7413, 0.3100, 0.3622



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.



52.5624, 0.3040, 0.4465



78.0819, 0.3022, 0.4767



53.9422, 0.2788, 0.3833



13.2171, 0.3108, 0.3516



28.1373, 0.2989, 0.5960



1.5772, 0.2953, 0.5830

Inverse Universe

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



32.9895, 0.3222, 0.2344



44.0060, 0.3245, 0.2159



31.2003, 0.3685, 0.2812



11.9969, 0.3146, 0.3074



10.8491, 0.3357, 0.1623



0.6103, 0.3327, 0.1607

Previews

White Background



This preview shows how the Yxy color 52.5602, 0.3040, 0.4465 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 52.5602, 0.3040, 0.4465 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 52.5602, 0.3040, 0.4465

Background



This preview shows how black text looks on a background with the Yxy color 52.5602, 0.3040, 0.4465.



This preview shows how white text looks on a background with the Yxy color 52.5602, 0.3040, 0.4465.

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

52.5602, 0.3040, 0.4465

Protanopia

52.0766, 0.3817, 0.4128

Deuteranopia

51.9754, 0.3914, 0.3834



Tritanopia

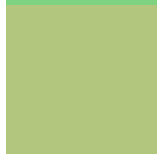
52.6227, 0.2619, 0.3081

Trichromacy



Original Color

52.5602, 0.3040, 0.4465



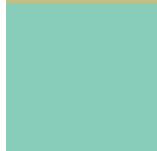
Protanomaly

51.3338, 0.3502, 0.4254



Deuteranomaly

50.8083, 0.3557, 0.4051



Tritanomaly

52.3997, 0.2771, 0.3564

Monochromacy



Original Color

52.5602, 0.3040, 0.4465



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

46.0665, 0.3091, 0.3712

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5602, 0.3040, 0.4465 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(125, 211, 130)` looks like.

```
.text, #text, p{  
    color:rgb(125, 211, 130)  
}
```

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(125, 211, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 211, 130) }
```

Border

The CSS property to change the border of an element to Yxy 52.5602, 0.3040, 0.4465 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(125, 211, 130) }
```

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

```
.border{ border-color:rgb(125, 211, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 211, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 211, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 211, 130);  
box-shadow:4px 4px 4px 4px rgb(125, 211,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5602, 0.3040, 0.4465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 211, 130) }
```

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

```
.background{ background-color: rgb(125,  
211, 130) }
```

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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