

Converting Colors

$Yxy(52.5325, 0.2826, 0.4106)$

Have a look what the booklet for
Yxy(52.5325, 0.2826, 0.4106)
contains.

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Color

Yxy(52.5325, 0.2826, 0.4106)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 72D39B |
| RGB | 114, 211, 155 |
| RGB Percent | 45%, 83%, 61% |
| CMY | 0.5527, 0.1726, 0.3921 |
| CMYK | 0.46, 0.00, 0.27, 0.17 |
| HSL | 145°, 52%, 64% |
| HSV | 145°, 46%, 83% |
| XYZ | 36.1561, 52.5325, 39.2522 |
| YIQ | 175.6130, -39.8360, -37.9800 |

Conversions

Conversions Part 2

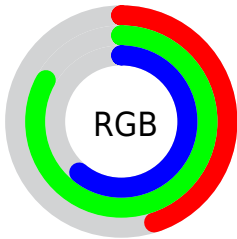
| Format | Color |
|-------------------------------------|--|
| RYB | 114, 182, 211 |
| Decimal | 7525275 |
| CIELab | 77.60, -41.15, 19.03 |
| CIELCh | 78, 45.344, 155.179 |
| Yxy | 52.5325, 0.2826, 0.4106 |
| Android (android.graphics.Color) | 4285715355 (0xFF72D39B) |
| YUV | 175.6130, -10.1622, -54.0346 |
| Hunter-Lab | 72.4793, -37.7946, 18.6261 |

Details

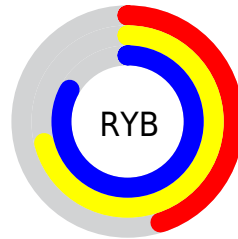
The Yxy color **52.5325, 0.2826, 0.4106** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **28.7979, 0.3635, 0.2608**, and the grayscale version is **43.2813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7192, 0.2873, 0.3805**, and **25.6463, 0.2728, 0.4353** is the 20% darker color. If you saturate the color by 10%, you get **50.8894, 0.2783, 0.4325**, and if you desaturate by 10%, it is **54.5475, 0.2881, 0.3899**.

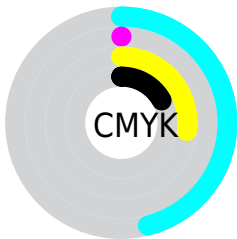
Distribution



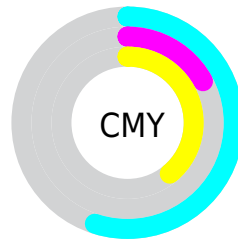
- Red (45%)
- Green (83%)
- Blue (61%)



- Red (45%)
- Yellow (71%)
- Blue (83%)



- Cyan (46%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)





- Cyan (55%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5325, 0.2826, 0.4106 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 52.5325, 0.2826, 0.4106 by changing the saturation by 10% instead.

 52.5325, 0.2826,
0.4106

 52.5325, 0.2826,
0.4106


396.4889, 0.2984,
0.3685


 37.4297, 0.2784,
0.4215


 93.9161, 0.2885,
0.3950

 25.5404, 0.2730,
0.4357


 120.9657, 0.2907,
0.3892

 16.4801, 0.2654,
0.4550


 152.7663, 0.2925,
0.3844

 9.8645, 0.2546,
0.4825

189.7024, 0.2940,
0.3803

 5.3092, 0.2375,
0.5246

232.1583, 0.2953,
0.3767

 2.4298, 0.2083,
0.5974

280.5184, 0.2965,

 0.8412, 0.0000,

0.3736

1.0000

335.1671, 0.2975,
0.3709

0.0000, 0.0000,
0.0000

52.5325, 0.2826,
0.4106

52.5325, 0.2826,
0.4106

50.8894, 0.2783,
0.4325

54.5475, 0.2881,
0.3899

49.5879, 0.2756,
0.4551

56.9498, 0.2944,
0.3707

48.6032, 0.2747,
0.4777


59.7616, 0.3012,
0.3532

47.9040, 0.2756,
0.4995


63.0013, 0.3084,
0.3375

47.4518, 0.2785,
0.5197

66.6865, 0.3157,
0.3235

 47.3106, 0.2798,
0.5274

 70.8337, 0.3228,
0.3112

 74.1558, 0.3248,
0.3000

 74.9056, 0.3164,
0.2884

 75.0666, 0.3147,
0.2861

Harmonies

Analogous

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



52.5325, 0.3417, 0.4395



52.5325, 0.2826, 0.4106



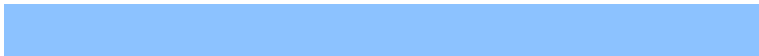
52.5325, 0.2344, 0.3522

Triad

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



52.5325, 0.2826, 0.4106



52.5325, 0.2299, 0.2346



52.5325, 0.4299, 0.3474

Complementary

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



52.5325, 0.2826, 0.4106



28.7979, 0.3635, 0.2608

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.



52.5325, 0.3942, 0.3017



52.5325, 0.2826, 0.4106



52.5325, 0.2750, 0.2397

Square

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



52.5325, 0.2826, 0.4106



52.5325, 0.2069, 0.2516



52.5325, 0.3353, 0.2636



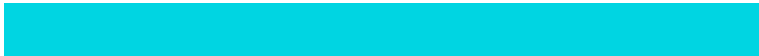
52.5325, 0.4294, 0.3934

Rectangle

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



52.5325, 0.2826, 0.4106



52.5325, 0.2142, 0.3109



52.5325, 0.3353, 0.2636



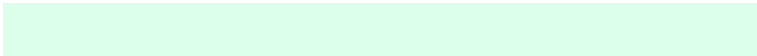
52.5325, 0.4217, 0.3318

Sweetspot

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



52.5346, 0.2826, 0.4106



92.5894, 0.3025, 0.3503



56.4160, 0.3471, 0.4549



19.5991, 0.3010, 0.3538



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.



52.5346, 0.2826, 0.4106



78.2046, 0.2785, 0.4317



54.4753, 0.2558, 0.3399



13.2880, 0.3059, 0.3427



28.5727, 0.2791, 0.5246



1.6133, 0.2688, 0.4878

Inverse Universe

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



28.7979, 0.3635, 0.2608



37.4378, 0.3793, 0.2480



27.3030, 0.4257, 0.3193



11.9210, 0.3202, 0.3157



9.2242, 0.4621, 0.2320



0.5314, 0.4293, 0.2139

Previews

White Background



This preview shows how the Yxy color 52.5325, 0.2826, 0.4106 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 52.5325, 0.2826, 0.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

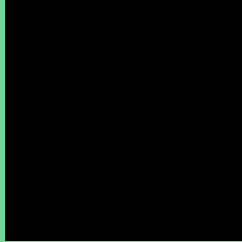
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5325, 0.2826, 0.4106

Background



This preview shows how black text looks on a background with the Yxy color 52.5325, 0.2826, 0.4106.



This preview shows how white text looks on a background with the Yxy color 52.5325, 0.2826, 0.4106.

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

52.5325, 0.2826, 0.4106

Protanopia

51.7086, 0.3604, 0.3849

Deuteranopia

51.5003, 0.3627, 0.3553



Tritanopia

52.5722, 0.2538, 0.3078

Trichromacy



Original Color

52.5325, 0.2826, 0.4106



Protanomaly

51.2160, 0.3270, 0.3948



Deuteranomaly

50.4669, 0.3286, 0.3737



Tritanomaly

52.4132, 0.2638, 0.3426

Monochromacy



Original Color

52.5325, 0.2826, 0.4106



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

45.9946, 0.2993, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5325, 0.2826, 0.4106 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(114, 211, 155)` looks like.

```
.text, #text, p{  
    color:rgb(114, 211, 155)  
}
```

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(114, 211, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 211, 155) }
```

Border

The CSS property to change the border of an element to Yxy 52.5325, 0.2826, 0.4106 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(114, 211, 155) }
```

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

```
.border{ border-color:rgb(114, 211, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 211, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 211, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 211, 155);  
box-shadow:4px 4px 4px 4px rgb(114, 211,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5325, 0.2826, 0.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 211, 155) }
```

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

```
.background{ background-color: rgb(114,  
211, 155) }
```

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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