

Converting Colors

$Yxy(54.2379, 0.2624, 0.3778)$

Have a look what the booklet for
Yxy(54.2379, 0.2624, 0.3778)
contains.

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Color

Yxy(54.1551, 0.2625, 0.3775)

Conversions

Conversions Part 1

Format	Color
Hex	65D6B4
RGB	101, 214, 180
RGB Percent	40%, 84%, 71%
CMY	0.6036, 0.1608, 0.2941
CMYK	0.53, 0.00, 0.16, 0.16
HSL	162°, 58%, 62%
HSV	162°, 53%, 84%
XYZ	37.6575, 54.1551, 51.6446
YIQ	176.3370, -56.4340, -34.5300

Conversions

Conversions Part 2

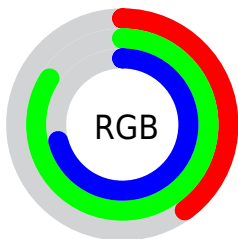
Format	Color
RYB	101, 168, 214
Decimal	6674100
CIELab	78.55, -40.32, 7.05
CIElCh	79, 40.931, 170.086
Yxy	54.1551, 0.2625, 0.3775
Android (android.graphics.Color)	4284864180 (0xFF65D6B4)
YUV	176.3370, 1.8059, -66.0705
Hunter-Lab	73.5901, -37.4408, 9.9042

Details

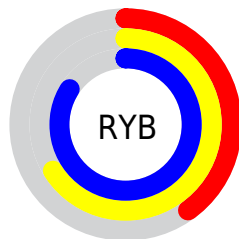
The Yxy color **54.1551, 0.2625, 0.3775** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **25.3702, 0.4176, 0.2881**, and the grayscale version is **43.6246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9471, 0.2689, 0.3504**, and **26.6859, 0.2491, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **52.8209, 0.2569, 0.3886**, and if you desaturate by 10%, it is **55.8274, 0.2697, 0.3668**.

Distribution



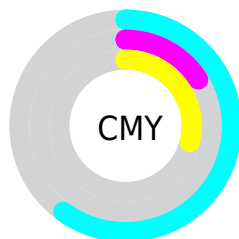
- Red (40%)
- Green (84%)
- Blue (71%)



- Red (40%)
- Yellow (66%)
- Blue (84%)



- Cyan (53%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)





- Cyan (60%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1551, 0.2625, 0.3775 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 54.1551, 0.2625, 0.3775 by changing the saturation by 10% instead.


 54.1551, 0.2625,
0.3775

 54.1551, 0.2625,
0.3775


402.7012, 0.2872,
0.3532


 38.7257, 0.2565,
0.3836

 96.3019, 0.2714,
0.3687


 26.5464, 0.2488,
0.3914


 123.7881, 0.2747,
0.3653

 17.2328, 0.2387,
0.4018


 156.0621, 0.2776,
0.3625

 10.4006, 0.2250,
0.4162

 193.5081, 0.2801,
0.3601

 5.6654, 0.2052,
0.4377

236.5106, 0.2822,
0.3581

 2.6427, 0.1743,
0.4728

285.4540, 0.2841,

 0.9482, 0.0000,

0.3562

0.6379

340.7228, 0.2857,
0.3546

0.0000, 0.0000,
0.0000

54.1551, 0.2625,
0.3775

54.1551, 0.2625,
0.3775

52.8209, 0.2569,
0.3886

55.8274, 0.2697,
0.3668

51.7928, 0.2533,
0.4001

57.8543, 0.2784,
0.3568

51.0433, 0.2516,
0.4116


60.2589, 0.2881,
0.3474


50.5369, 0.2519,
0.4230


63.0602, 0.2986,
0.3388


50.2786, 0.2531,
0.4312

66.2764, 0.3096,
0.3310

 69.9241, 0.3209,
0.3240

 74.0191, 0.3323,
0.3178

 75.1512, 0.3307,
0.3115

 75.5232, 0.3262,
0.3052

Harmonies

Analogous

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



54.1551, 0.3127, 0.4184



54.1551, 0.2625, 0.3775



54.1551, 0.2277, 0.3224

Triad

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



54.1551, 0.2625, 0.3775



54.1551, 0.2562, 0.2435



54.1551, 0.4215, 0.3677

Complementary

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



54.1551, 0.2625, 0.3775



25.3702, 0.4176, 0.2881

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.



54.1551, 0.4049, 0.3251



54.1551, 0.2625, 0.3775



54.1551, 0.3051, 0.2569

Square

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



54.1551, 0.2625, 0.3775



54.1551, 0.2247, 0.2491



54.1551, 0.3606, 0.2859



54.1551, 0.4060, 0.4057

Rectangle

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



54.1551, 0.2625, 0.3775



54.1551, 0.2165, 0.2895



54.1551, 0.3606, 0.2859



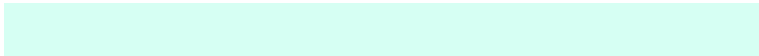
54.1551, 0.4196, 0.3536

Sweetspot

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



54.1573, 0.2625, 0.3775



92.3001, 0.2949, 0.3416



54.3366, 0.3278, 0.4855



19.5691, 0.2927, 0.3434



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.



54.1573, 0.2625, 0.3775



78.4049, 0.2566, 0.3896



45.8964, 0.2394, 0.2998



14.0412, 0.3022, 0.3361



30.4108, 0.2526, 0.4295



1.8486, 0.2472, 0.4099

Inverse Universe

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



25.3702, 0.4176, 0.2881



31.3026, 0.4532, 0.2825



29.1023, 0.4508, 0.3544



12.4818, 0.3244, 0.3220



8.8841, 0.5744, 0.2938



0.5504, 0.5247, 0.2664

Previews

White Background



This preview shows how the Yxy color 54.1551, 0.2625, 0.3775 looks on a white background.

Color Contrast Check

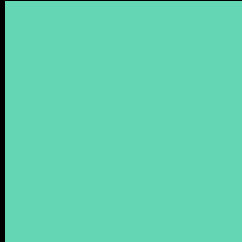
Large Text (above 18pt) WCAG AA × Fail

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 54.1551, 0.2625, 0.3775 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

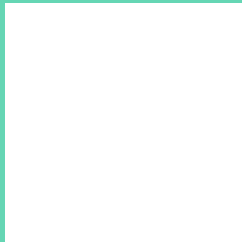
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1551, 0.2625, 0.3775

Background



This preview shows how black text looks on a background with the Yxy color 54.1551, 0.2625, 0.3775.

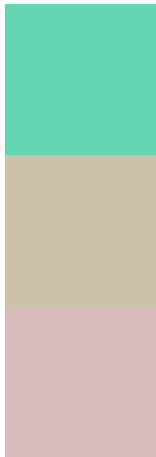


This preview shows how white text looks on a background with the Yxy color 54.1551, 0.2625, 0.3775.

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

54.1551, 0.2625, 0.3775

Protanopia

53.5611, 0.3387, 0.3586

Deuteranopia

53.3820, 0.3363, 0.3303



Tritanopia

54.1928, 0.2444, 0.3065

Trichromacy



Original Color

54.1551, 0.2625, 0.3775



Protanomaly

52.7898, 0.3049, 0.3662



Deuteranomaly

52.2774, 0.3034, 0.3459



Tritanomaly

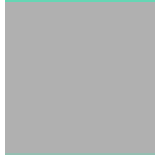
54.0116, 0.2505, 0.3302

Monochromacy



Original Color

54.1551, 0.2625, 0.3775



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

46.3908, 0.2899, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1551, 0.2625, 0.3775 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, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(101, 214, 180)  
}
```

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, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 214, 180) }
```

Border

The CSS property to change the border of an element to Yxy 54.1551, 0.2625, 0.3775 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, 214, 180) }
```

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

```
.border{ border-color:rgb(101, 214, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 214, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 214, 180);  
box-shadow:4px 4px 4px 4px rgb(101, 214,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1551, 0.2625, 0.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 214, 180) }
```

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

```
.background{ background-color: rgb(101,  
214, 180) }
```

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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