

Converting Colors

$Yxy(53.6870, 0.2747, 0.4058)$

Have a look what the booklet for
Yxy(53.6870, 0.2747, 0.4058)
contains.

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Color

Yxy(53.6696, 0.2748, 0.4062)

Conversions

Conversions Part 1

Format	Color
Hex	69D6A1
RGB	105, 214, 161
RGB Percent	41%, 84%, 63%
CMY	0.5880, 0.1608, 0.3688
CMYK	0.51, 0.00, 0.25, 0.16
HSL	151°, 57%, 63%
HSV	151°, 51%, 84%
XYZ	36.3082, 53.6696, 42.1482
YIQ	175.3670, -47.9510, -39.5910

Conversions

Conversions Part 2

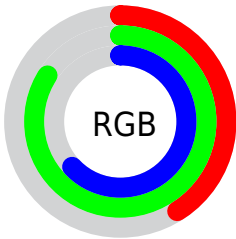
Format	Color
RYB	105, 177, 214
Decimal	6936225
CIELab	78.27, -43.54, 16.77
CIELCh	78, 46.657, 158.931
Yxy	53.6696, 0.2748, 0.4062
Android (android.graphics.Color)	4285126305 (0xFF69D6A1)
YUV	175.3670, -7.0829, -61.7119
Hunter-Lab	73.2595, -39.7376, 17.1705

Details

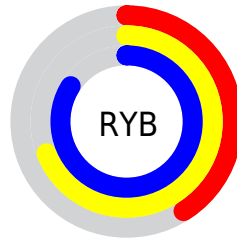
The Yxy color **53.6696, 0.2748, 0.4062** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **26.8840, 0.3844, 0.2652**, and the grayscale version is **43.1335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1593, 0.2801, 0.3739**, and **26.0714, 0.2633, 0.4294** is the 20% darker color. If you saturate the color by 10%, you get **52.1817, 0.2705, 0.4249**, and if you desaturate by 10%, it is **55.5185, 0.2806, 0.3884**.

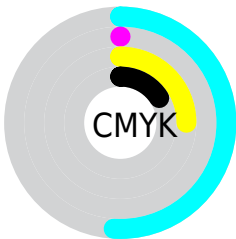
Distribution



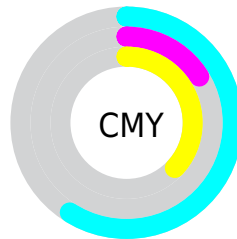
- Red (41%)
- Green (84%)
- Blue (63%)



- Red (41%)
- Yellow (69%)
- Blue (84%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (16%)




- Cyan (59%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6696, 0.2748, 0.4062 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 53.6696, 0.2748, 0.4062 by changing the saturation by 10% instead.


 53.6696, 0.2748,
0.4062


 53.6696, 0.2748,
0.4062


400.8488, 0.2942,
0.3666


 38.3376, 0.2698,
0.4164


 95.5890, 0.2820,
0.3916

 26.2448, 0.2634,
0.4296


 122.9451, 0.2846,
0.3862

 17.0069, 0.2547,
0.4475


 155.0780, 0.2868,
0.3816

 10.2394, 0.2423,
0.4730

 192.3722, 0.2887,
0.3777

 5.5580, 0.2236,
0.5117

235.2119, 0.2904,
0.3744

 2.5782, 0.1924,
0.5769

283.9817, 0.2918,

 0.9157, 0.0000,

0.3714

1.0000

339.0659, 0.2931,
0.3689

0.0000, 0.0000,
0.0000

53.6696, 0.2748,
0.4062

53.6696, 0.2748,
0.4062

52.1817, 0.2705,
0.4249

55.5185, 0.2806,
0.3884

51.0226, 0.2680,
0.4440

57.7450, 0.2875,
0.3717

50.1653, 0.2674,
0.4632


60.3723, 0.2952,
0.3564


49.5748, 0.2689,
0.4818


63.4199, 0.3034,
0.3425


49.2145, 0.2716,
0.4979

66.9060, 0.3119,
0.3301

 70.8476, 0.3205,
0.3190

 75.2609, 0.3290,
0.3092

 75.9031, 0.3218,
0.2991

 76.5550, 0.3148,
0.2893

Harmonies

Analogous

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



53.6696, 0.3345, 0.4406



53.6696, 0.2748, 0.4062



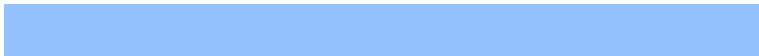
53.6696, 0.2281, 0.3444

Triad

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



53.6696, 0.2748, 0.4062



53.6696, 0.2328, 0.2323



53.6696, 0.4344, 0.3536

Complementary

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



53.6696, 0.2748, 0.4062



26.8840, 0.3844, 0.2652

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.



53.6696, 0.4022, 0.3066



53.6696, 0.2748, 0.4062



53.6696, 0.2813, 0.2401

Square

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



53.6696, 0.2748, 0.4062



53.6696, 0.2065, 0.2465



53.6696, 0.3438, 0.2665



53.6696, 0.4292, 0.3999

Rectangle

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



53.6696, 0.2748, 0.4062



53.6696, 0.2096, 0.3030



53.6696, 0.3438, 0.2665



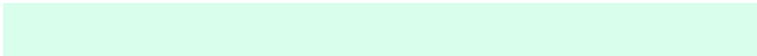
53.6696, 0.4277, 0.3376

Sweetspot

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



53.6718, 0.2748, 0.4062



92.3116, 0.2999, 0.3482



56.5392, 0.3426, 0.4724



19.5529, 0.2981, 0.3512



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.



53.6718, 0.2748, 0.4062



77.4639, 0.2703, 0.4262



55.9547, 0.2469, 0.3288



14.0013, 0.3047, 0.3406



29.7684, 0.2709, 0.4953



1.8122, 0.2623, 0.4643

Inverse Universe

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



26.8840, 0.3844, 0.2652



33.3711, 0.4080, 0.2545



25.4333, 0.4578, 0.3294



12.5206, 0.3216, 0.3177



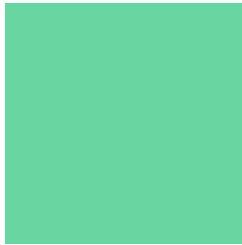
9.2683, 0.5003, 0.2530



0.5757, 0.4611, 0.2314

Previews

White Background



This preview shows how the Yxy color 53.6696, 0.2748, 0.4062 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 53.6696, 0.2748, 0.4062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

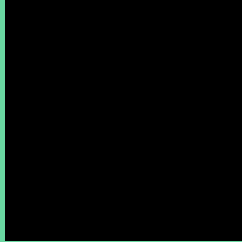
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6696, 0.2748, 0.4062

Background



This preview shows how black text looks on a background with the Yxy color 53.6696, 0.2748, 0.4062.



This preview shows how white text looks on a background with the Yxy color 53.6696, 0.2748, 0.4062.

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

53.6696, 0.2748, 0.4062

Protanopia

52.9128, 0.3559, 0.3796

Deuteranopia

52.7036, 0.3579, 0.3503



Tritanopia

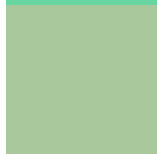
53.5541, 0.2487, 0.3078

Trichromacy



Original Color

53.6696, 0.2748, 0.4062



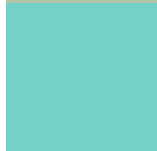
Protanomaly

52.1101, 0.3208, 0.3893



Deuteranomaly

51.6614, 0.3212, 0.3697



Tritanomaly

53.4841, 0.2579, 0.3412

Monochromacy



Original Color

53.6696, 0.2748, 0.4062



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

45.7815, 0.2956, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6696, 0.2748, 0.4062 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(105, 214, 161)` looks like.

```
.text, #text, p{  
    color:rgb(105, 214, 161)  
}
```

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(105, 214, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 214, 161) }
```

Border

The CSS property to change the border of an element to Yxy 53.6696, 0.2748, 0.4062 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(105, 214, 161) }
```

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

```
.border{ border-color:rgb(105, 214, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 214, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 214, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 214, 161);  
box-shadow:4px 4px 4px 4px rgb(105, 214,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6696, 0.2748, 0.4062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 214, 161) }
```

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

```
.background{ background-color: rgb(105,  
214, 161) }
```

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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