

Converting Colors

$Yxy(53.3377, 0.2793, 0.4012)$

Have a look what the booklet for
Yxy(53.3377, 0.2793, 0.4012)
contains.

Yxy(53.3404, 0.2792, 0.4011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.3404, 0.2792, 0.4011)

Conversions

Conversions Part 1

Format	Color
Hex	73D4A2
RGB	115, 212, 162
RGB Percent	45%, 83%, 64%
CMY	0.5492, 0.1686, 0.3647
CMYK	0.46, 0.00, 0.24, 0.17
HSL	149°, 53%, 64%
HSV	149°, 46%, 83%
XYZ	37.1295, 53.3404, 42.5154
YIQ	177.2970, -41.7620, -36.1140

Conversions

Conversions Part 2

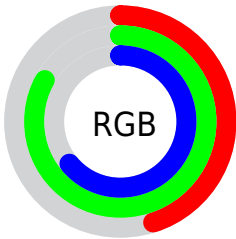
Format	Color
RYB	115, 180, 212
Decimal	7591074
CIELab	78.08, -39.99, 16.02
CIELCh	78, 43.079, 158.172
Yxy	53.3404, 0.2792, 0.4011
Android (android.graphics.Color)	4285781154 (0xFF73D4A2)
YUV	177.2970, -7.5414, -54.6345
Hunter-Lab	73.0345, -37.0641, 16.6098

Details

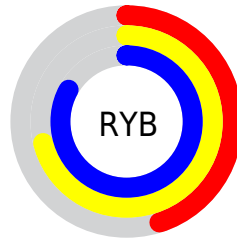
The Yxy color **53.3404, 0.2792, 0.4011** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **28.9649, 0.3707, 0.2680**, and the grayscale version is **44.1821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1877, 0.2843, 0.3721**, and **26.1393, 0.2694, 0.4238** is the 20% darker color. If you saturate the color by 10%, you get **51.6957, 0.2744, 0.4205**, and if you desaturate by 10%, it is **55.3537, 0.2853, 0.3828**.

Distribution



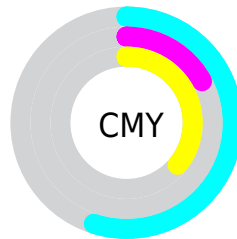
- Red (45%)
- Green (83%)
- Blue (64%)



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



- Cyan (46%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (55%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3404, 0.2792, 0.4011 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 53.3404, 0.2792, 0.4011 by changing the saturation by 10% instead.


 53.3404, 0.2792,
0.4011

 53.3404, 0.2792,
0.4011

399.5897, 0.2964,
0.3642


 38.0746, 0.2748,
0.4106


 95.1051, 0.2855,
0.3875

 26.0406, 0.2691,
0.4229

 122.3727, 0.2879,
0.3824

 16.8540, 0.2613,
0.4395


 154.4098, 0.2899,
0.3782

 10.1305, 0.2503,
0.4632

191.6006, 0.2916,
0.3745

 5.4855, 0.2335,
0.4993

234.3296, 0.2930,
0.3714

 2.5349, 0.2052,
0.5601

282.9812, 0.2943,

 0.8940, 0.0000,

0.3687

1.0000

337.9398, 0.2954,
0.3663

0.0000, 0.0000,
0.0000

53.3404, 0.2792,
0.4011

53.3404, 0.2792,
0.4011

51.6957, 0.2744,
0.4205

55.3537, 0.2853,
0.3828

50.3891, 0.2711,
0.4407

57.7506, 0.2923,
0.3658

49.3962, 0.2698,
0.4610

60.5532, 0.3000,
0.3503

48.6857, 0.2704,
0.4809


63.7801, 0.3080,
0.3364

48.2195, 0.2729,
0.4998

67.4484, 0.3162,
0.3239

 48.0669, 0.2743,
0.5075

 71.5745, 0.3243,
0.3129

 74.5538, 0.3260,
0.3027

 75.2174, 0.3185,
0.2923

 75.5727, 0.3147,
0.2871

Harmonies

Analogous

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



53.3404, 0.3350, 0.4320



53.3404, 0.2792, 0.4011



53.3404, 0.2350, 0.3451

Triad

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



53.3404, 0.2792, 0.4011



53.3404, 0.2374, 0.2388



53.3404, 0.4250, 0.3515

Complementary

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



53.3404, 0.2792, 0.4011



28.9649, 0.3707, 0.2680

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.



53.3404, 0.3944, 0.3074



53.3404, 0.2792, 0.4011



53.3404, 0.2824, 0.2455

Square

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



53.3404, 0.2792, 0.4011



53.3404, 0.2132, 0.2531



53.3404, 0.3402, 0.2699



53.3404, 0.4214, 0.3947

Rectangle

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



53.3404, 0.2792, 0.4011



53.3404, 0.2171, 0.3068



53.3404, 0.3402, 0.2699



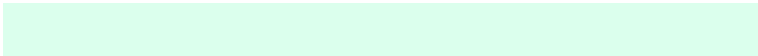
53.3404, 0.4184, 0.3365

Sweetspot

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



53.3426, 0.2792, 0.4011



92.7178, 0.3013, 0.3479



56.3394, 0.3419, 0.4567



19.6303, 0.2996, 0.3511



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.



53.3426, 0.2792, 0.4011



78.5551, 0.2745, 0.4201



55.4071, 0.2526, 0.3310



13.9953, 0.3051, 0.3413



29.6906, 0.2736, 0.5049



1.8075, 0.2646, 0.4725

Inverse Universe

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



28.9649, 0.3707, 0.2680



37.0537, 0.3895, 0.2563



27.5235, 0.4337, 0.3274



12.5266, 0.3211, 0.3170



9.3465, 0.4882, 0.2463



0.5804, 0.4516, 0.2261

Previews

White Background



This preview shows how the Yxy color 53.3404, 0.2792, 0.4011 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 53.3404, 0.2792, 0.4011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

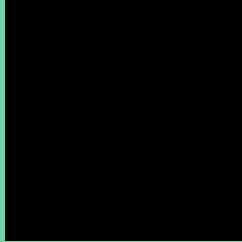
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3404, 0.2792, 0.4011

Background



This preview shows how black text looks on a background with the Yxy color 53.3404, 0.2792, 0.4011.



This preview shows how white text looks on a background with the Yxy color 53.3404, 0.2792, 0.4011.

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

53.3404, 0.2792, 0.4011

Protanopia

52.8036, 0.3542, 0.3785

Deuteranopia

52.5851, 0.3561, 0.3492



Tritanopia

53.1520, 0.2529, 0.3066

Trichromacy



Original Color

53.3404, 0.2792, 0.4011



Protanomaly

52.0178, 0.3226, 0.3863



Deuteranomaly

51.6071, 0.3230, 0.3668



Tritanomaly

53.1558, 0.2623, 0.3384

Monochromacy



Original Color

53.3404, 0.2792, 0.4011



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

46.6755, 0.2972, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3404, 0.2792, 0.4011 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(115, 212, 162)` looks like.

```
.text, #text, p{  
    color:rgb(115, 212, 162)  
}
```

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(115, 212, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 212, 162) }
```

Border

The CSS property to change the border of an element to Yxy 53.3404, 0.2792, 0.4011 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(115, 212, 162) }
```

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

```
.border{ border-color:rgb(115, 212, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 212, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 212, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 212, 162);  
box-shadow:4px 4px 4px 4px rgb(115, 212,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3404, 0.2792, 0.4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 212, 162) }
```

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

```
.background{ background-color: rgb(115,  
212, 162) }
```

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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