

Converting Colors

Yxy(53.1446, 0.2963, 0.4143)

Have a look what the booklet for
Yxy(53.1446, 0.2963, 0.4143)
contains.

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Color

Yxy(53.2007, 0.2965, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	84D296
RGB	132, 210, 150
RGB Percent	52%, 82%, 59%
CMY	0.4824, 0.1764, 0.4118
CMYK	0.37, 0.00, 0.29, 0.18
HSL	134°, 46%, 67%
HSV	134°, 37%, 82%
XYZ	38.0647, 53.2007, 37.1147
YIQ	179.8380, -27.2280, -35.1960

Conversions

Conversions Part 2

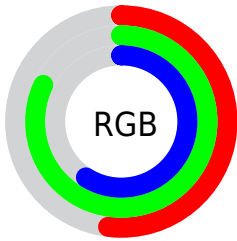
Format	Color
RYB	132, 195, 210
Decimal	8704662
CIELab	77.99, -36.59, 22.35
CIElCh	78, 42.877, 148.586
Yxy	53.2007, 0.2965, 0.4144
Android (android.graphics.Color)	4286894742 (0xFF84D296)
YUV	179.8380, -14.7101, -41.9539
Hunter-Lab	72.9388, -34.4888, 20.8876

Details

The Yxy color **53.2007, 0.2965, 0.4144** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **34.0056, 0.3348, 0.2568**, and the grayscale version is **45.6403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5710, 0.3005, 0.3860**, and **25.9632, 0.2901, 0.4401** is the 20% darker color. If you saturate the color by 10%, you get **51.1921, 0.2930, 0.4425**, and if you desaturate by 10%, it is **55.6262, 0.3006, 0.3881**.

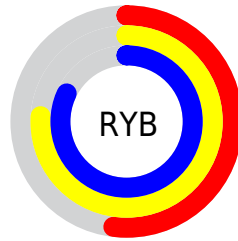
Distribution



Red (52%)

Green (82%)

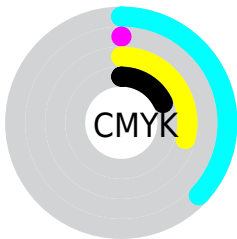
Blue (59%)



Red (52%)

Yellow (76%)

Blue (82%)

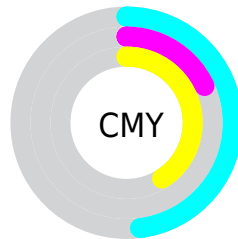


Cyan (37%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (48%)

Magenta (18%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2007, 0.2965, 0.4144 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 53.2007, 0.2965, 0.4144 by changing the saturation by 10% instead.


 53.2007, 0.2965,
0.4144


 53.2007, 0.2965,
0.4144

399.0547, 0.3056,
0.3704


 37.9630, 0.2939,
0.4257

 94.8996, 0.3000,
0.3982

 25.9540, 0.2904,
0.4404


 122.1297, 0.3013,
0.3921

 16.7892, 0.2855,
0.4603


 154.1259, 0.3023,
0.3871

 10.0843, 0.2780,
0.4886

191.2728, 0.3032,
0.3828

 5.4549, 0.2655,
0.5314

233.9548, 0.3039,
0.3791

 2.5166, 0.2444,
0.6089

282.5561, 0.3045,

 0.8849, 0.0000,

0.3758

1.0000

337.4613, 0.3051,
0.3730

0.0000, 0.0000,
0.0000

53.2007, 0.2965,
0.4144

53.2007, 0.2965,
0.4144

51.1921, 0.2930,
0.4425

55.6262, 0.3006,
0.3881

49.5703, 0.2904,
0.4717

58.4835, 0.3050,
0.3642

48.3117, 0.2889,
0.5007


61.7950, 0.3095,
0.3428

47.3869, 0.2888,
0.5279


65.5795, 0.3140,
0.3239


46.7623, 0.2901,
0.5518

69.8547, 0.3183,
0.3073

 46.3934, 0.2926,
0.5711

 74.0667, 0.3203,
0.2927

 46.3144, 0.2932,
0.5757

 74.5770, 0.3148,
0.2851

Harmonies

Analogous

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



53.2007, 0.3527, 0.4337



53.2007, 0.2965, 0.4144



53.2007, 0.2474, 0.3640

Triad

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



53.2007, 0.2965, 0.4144



53.2007, 0.2275, 0.2413



53.2007, 0.4183, 0.3371

Complementary

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



53.2007, 0.2965, 0.4144



34.0056, 0.3348, 0.2568

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.



53.2007, 0.3785, 0.2945



53.2007, 0.2965, 0.4144



53.2007, 0.2663, 0.2415

Square

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



53.2007, 0.2965, 0.4144



53.2007, 0.2106, 0.2627



53.2007, 0.3211, 0.2607



53.2007, 0.4259, 0.3814

Rectangle

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



53.2007, 0.2965, 0.4144



53.2007, 0.2247, 0.3246



53.2007, 0.3211, 0.2607



53.2007, 0.4082, 0.3224

Sweetspot

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



53.2029, 0.2965, 0.4144



93.7504, 0.3077, 0.3510



59.1133, 0.3542, 0.4253



19.9150, 0.3071, 0.3539



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.



53.2029, 0.2965, 0.4144



79.8978, 0.2935, 0.4378



54.6275, 0.2736, 0.3591



13.2504, 0.3085, 0.3474



28.2617, 0.2926, 0.5734



1.5927, 0.2826, 0.5373

Inverse Universe

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



34.0056, 0.3348, 0.2568



45.7188, 0.3413, 0.2411



32.5363, 0.3767, 0.3014



11.9604, 0.3172, 0.3113



9.9545, 0.3890, 0.1917



0.5683, 0.3740, 0.1834

Previews

White Background



This preview shows how the Yxy color 53.2007, 0.2965, 0.4144 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 53.2007, 0.2965, 0.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

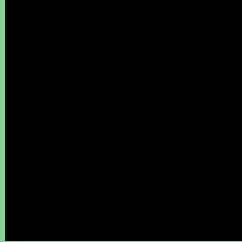
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2007, 0.2965, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 53.2007, 0.2965, 0.4144.

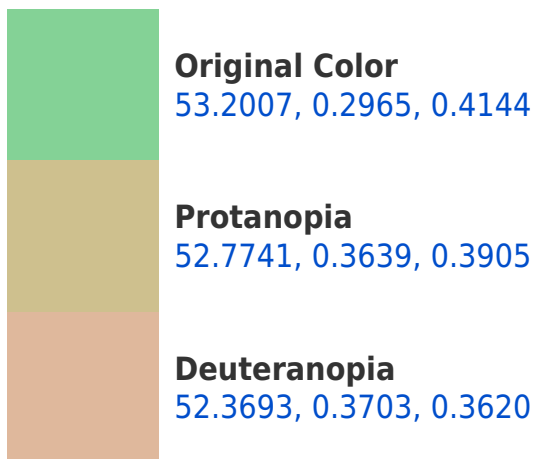


This preview shows how white text looks on a background with the Yxy color 53.2007, 0.2965, 0.4144.

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





Tritanopia

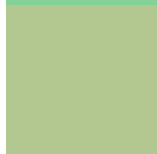
52.8940, 0.2637, 0.3082

Trichromacy



Original Color

53.2007, 0.2965, 0.4144



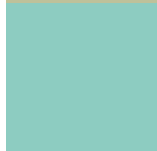
Protanomaly

52.4749, 0.3363, 0.4000



Deuteranomaly

51.4202, 0.3402, 0.3791



Tritanomaly

52.6987, 0.2753, 0.3438

Monochromacy



Original Color

53.2007, 0.2965, 0.4144



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

47.9127, 0.3065, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2007, 0.2965, 0.4144 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(132, 210, 150)` looks like.

```
.text, #text, p{  
    color:rgb(132, 210, 150)  
}
```

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(132, 210, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 210, 150) }
```

Border

The CSS property to change the border of an element to Yxy 53.2007, 0.2965, 0.4144 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(132, 210, 150) }
```

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

```
.border{ border-color:rgb(132, 210, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 210, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 210, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 210, 150);  
box-shadow:4px 4px 4px 4px rgb(132, 210,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2007, 0.2965, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 210, 150) }
```

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

```
.background{ background-color: rgb(132,  
210, 150) }
```

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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