

Converting Colors

$Yxy(41.3587, 0.2865, 0.3541)$

Have a look what the booklet for
Yxy(41.3587, 0.2865, 0.3541)
contains.

Yxy(41.2408, 0.2865, 0.3543)	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(41.2408, 0.2865, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	86B6A5
RGB	134, 182, 165
RGB Percent	53%, 71%, 65%
CMY	0.4746, 0.2862, 0.3528
CMYK	0.26, 0.00, 0.09, 0.29
HSL	159°, 25%, 62%
HSV	159°, 26%, 71%
XYZ	33.3488, 41.2408, 41.8112
YIQ	165.7100, -23.1510, -15.4630

Conversions

Conversions Part 2

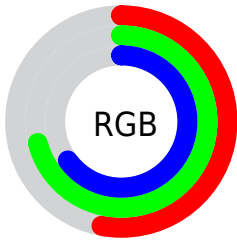
Format	Color
RYB	134, 163, 182
Decimal	8828581
CIELab	70.34, -19.52, 3.50
CIELCh	70, 19.829, 169.835
Yxy	41.2408, 0.2865, 0.3543
Android (android.graphics.Color)	4287018661 (0xFF86B6A5)
YUV	165.7100, -0.3500, -27.8097
Hunter-Lab	64.2190, -19.6885, 6.3513

Details

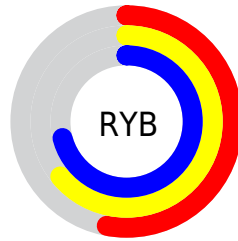
The Yxy color **41.2408, 0.2865, 0.3543** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **29.2205, 0.3488, 0.3052**, and the grayscale version is **37.9946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0077, 0.2914, 0.3494**, and **18.7318, 0.2790, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **39.6453, 0.2778, 0.3656**, and if you desaturate by 10%, it is **43.1088, 0.2960, 0.3439**.

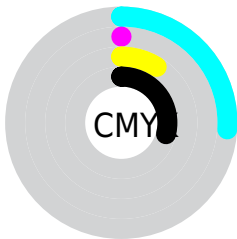
Distribution



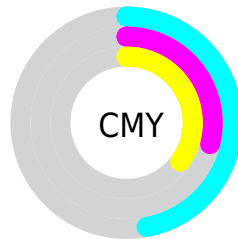
- Red (53%)
- Green (71%)
- Blue (65%)



- Red (53%)
- Yellow (64%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)





- Cyan (47%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2408, 0.2865, 0.3543 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 41.2408, 0.2865, 0.3543 by changing the saturation by 10% instead.


 41.2408, 0.2865,
0.3543


 41.2408, 0.2865,
0.3543


351.3260, 0.3000,
0.3412


 28.5073, 0.2830,
0.3577


 77.0493, 0.2915,
0.3494

 18.7084, 0.2785,
0.3622


 100.8931, 0.2933,
0.3476

 11.4598, 0.2723,
0.3684


 129.2091, 0.2949,
0.3461

 6.3770, 0.2635,
0.3773

162.3817, 0.2962,
0.3449

 3.0756, 0.2497,
0.3915

200.7953, 0.2973,
0.3437

 1.1713, 0.2197,
0.4204

244.8343, 0.2983,

 0.0381, 0.0000,

0.3428

1.0000

294.8831, 0.2992,
0.3420

0.0000, 0.0000,
0.0000

41.2408, 0.2865,
0.3543

41.2408, 0.2865,
0.3543

39.6453, 0.2778,
0.3656

43.1088, 0.2960,
0.3439

38.3040, 0.2701,
0.3777

45.2567, 0.3061,
0.3345

37.2039, 0.2639,
0.3904

47.6978, 0.3165,
0.3261

36.3290, 0.2594,
0.4037

50.4430, 0.3269,
0.3185

35.6614, 0.2568,
0.4172

53.5027, 0.3373,
0.3118

■ 35.1801, 0.2561,
0.4308

■ 56.8868, 0.3474,
0.3059

■ 34.8572, 0.2574,
0.4441

■ 59.3756, 0.3519,
0.3002

■ 34.7592, 0.2580,
0.4489

■ 59.7030, 0.3465,
0.2937

■ 60.0434, 0.3412,
0.2874

Harmonies

Analogous

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



41.2408, 0.3142, 0.3744



41.2408, 0.2865, 0.3543



41.2408, 0.2664, 0.3270

Triad

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



41.2408, 0.2865, 0.3543



41.2408, 0.2822, 0.2813



41.2408, 0.3703, 0.3520

Complementary

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



41.2408, 0.2865, 0.3543



29.2205, 0.3488, 0.3052

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.



41.2408, 0.3611, 0.3280



41.2408, 0.2865, 0.3543



41.2408, 0.3091, 0.2885

Square

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



41.2408, 0.2865, 0.3543



41.2408, 0.2640, 0.2857



41.2408, 0.3383, 0.3053



41.2408, 0.3632, 0.3715

Rectangle

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



41.2408, 0.2865, 0.3543



41.2408, 0.2596, 0.3095



41.2408, 0.3383, 0.3053



41.2408, 0.3690, 0.3442

Sweetspot

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



41.2425, 0.2865, 0.3543



81.3262, 0.3043, 0.3361



41.8148, 0.3243, 0.4000



17.8285, 0.3028, 0.3375



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2425, 0.2865, 0.3543



72.9288, 0.2810, 0.3611



39.3387, 0.2738, 0.3195



10.1553, 0.3031, 0.3372



24.5571, 0.2576, 0.4474



0.8770, 0.2481, 0.4130

Inverse Universe

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



29.2205, 0.3488, 0.3052



47.2465, 0.3602, 0.2993



30.5322, 0.3659, 0.3383



9.0633, 0.3234, 0.3209



7.2989, 0.5531, 0.2820



0.2693, 0.4805, 0.2421

Previews

White Background



This preview shows how the Yxy color 41.2408, 0.2865, 0.3543 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 41.2408, 0.2865, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

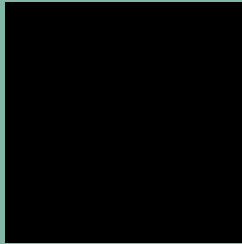
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

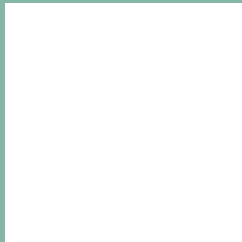
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2408, 0.2865, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 41.2408, 0.2865, 0.3543.



This preview shows how white text looks on a background with the Yxy color 41.2408, 0.2865, 0.3543.

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

41.2408, 0.2865, 0.3543

Protanopia

40.9761, 0.3285, 0.3455

Deuteranopia

40.9184, 0.3326, 0.3264



Tritanopia

41.2220, 0.2718, 0.3090

Trichromacy



Original Color

41.2408, 0.2865, 0.3543

Protanomaly

40.8102, 0.3118, 0.3490

Deuteranomaly

40.7301, 0.3142, 0.3360

Tritanomaly

41.0209, 0.2773, 0.3246

Monochromacy



Original Color

41.2408, 0.2865, 0.3543

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.1282, 0.3017, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2408, 0.2865, 0.3543 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(134, 182, 165)` looks like.

```
.text, #text, p{  
    color:rgb(134, 182, 165)  
}
```

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(134, 182, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 182, 165) }
```

Border

The CSS property to change the border of an element to Yxy 41.2408, 0.2865, 0.3543 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(134, 182, 165) }
```

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

```
.border{ border-color:rgb(134, 182, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 182, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 182, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 182, 165);  
box-shadow:4px 4px 4px 4px rgb(134, 182,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2408, 0.2865, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 182, 165) }
```

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

```
.background{ background-color: rgb(134,  
182, 165) }
```

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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