

Converting Colors

$Yxy(48.1418, 0.2882, 0.3619)$

Have a look what the booklet for
Yxy(48.1418, 0.2882, 0.3619)
contains.

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Color

Yxy(48.2092, 0.2886, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	8EC4AC
RGB	142, 196, 172
RGB Percent	56%, 77%, 67%
CMY	0.4429, 0.2314, 0.3254
CMYK	0.28, 0.00, 0.12, 0.23
HSL	153°, 31%, 66%
HSV	153°, 28%, 77%
XYZ	38.3494, 48.2092, 46.3223
YIQ	177.1180, -24.4800, -18.9120

Conversions

Conversions Part 2

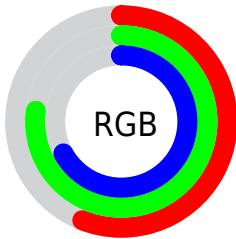
Format	Color
RYB	142, 177, 196
Decimal	9356460
CIELab	74.96, -22.59, 6.40
CIELCh	75, 23.476, 164.176
Yxy	48.2092, 0.2886, 0.3628
Android (android.graphics.Color)	4287546540 (0xFF8EC4AC)
YUV	177.1180, -2.5232, -30.7985
Hunter-Lab	69.4328, -22.9176, 9.0475

Details

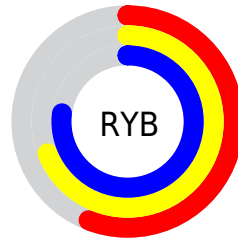
The Yxy color **48.2092, 0.2886, 0.3628** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.8506, 0.3458, 0.2976**, and the grayscale version is **44.0616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6669, 0.2934, 0.3571**, and **22.8757, 0.2813, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **46.3026, 0.2809, 0.3774**, and if you desaturate by 10%, it is **50.4466, 0.2970, 0.3494**.

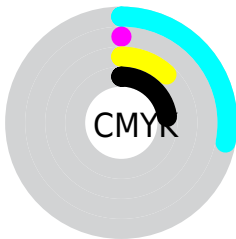
Distribution



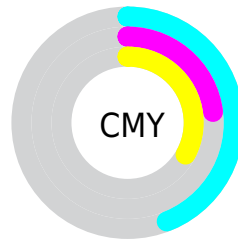
- Red (56%)
- Green (77%)
- Blue (67%)



- Red (56%)
- Yellow (69%)
- Blue (77%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)





- Cyan (44%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2092, 0.2886, 0.3628 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 48.2092, 0.2886, 0.3628 by changing the saturation by 10% instead.


 48.2092, 0.2886,
0.3628

 48.2092, 0.2886,
0.3628


379.6207, 0.3008,
0.3456

 33.9926, 0.2855,
0.3672


 87.5158, 0.2931,
0.3565

 22.8879, 0.2816,
0.3729


 113.3746, 0.2947,
0.3541

 14.5108, 0.2762,
0.3806


143.8829, 0.2961,
0.3522

 8.4768, 0.2687,
0.3915

179.4251, 0.2973,
0.3505

 4.4015, 0.2574,
0.4083

220.3855, 0.2984,
0.3490

 1.9006, 0.2383,
0.4372

267.1487, 0.2993,

 0.5487, 0.0000,

0.3477

0.7854

320.0990, 0.3001,
0.3466

0.0000, 0.0000,
0.0000

48.2092, 0.2886,
0.3628

48.2092, 0.2886,
0.3628

46.3026, 0.2809,
0.3774

50.4466, 0.2970,
0.3494

44.7044, 0.2743,
0.3931

53.0239, 0.3059,
0.3373

43.3988, 0.2691,
0.4097

55.9575, 0.3150,
0.3264

42.3661, 0.2656,
0.4269

59.2607, 0.3241,
0.3168

41.5839, 0.2640,
0.4443

62.9462, 0.3331,
0.3082

■ 41.0264, 0.2644,
0.4615

■ 66.1338, 0.3382,
0.3004

■ 40.6564, 0.2666,
0.4781

■ 66.6194, 0.3316,
0.2919

■ 40.5781, 0.2673,
0.4822

■ 67.1297, 0.3251,
0.2835

■ 67.6649, 0.3187,
0.2754

Harmonies

Analogous

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



48.2092, 0.3204, 0.3830



48.2092, 0.2886, 0.3628



48.2092, 0.2641, 0.3325

Triad

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



48.2092, 0.2886, 0.3628



48.2092, 0.2737, 0.2756



48.2092, 0.3769, 0.3496

Complementary

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



48.2092, 0.2886, 0.3628



33.8506, 0.3458, 0.2976

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.



48.2092, 0.3633, 0.3227



48.2092, 0.2886, 0.3628



48.2092, 0.3024, 0.2815

Square

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



48.2092, 0.2886, 0.3628



48.2092, 0.2559, 0.2829



48.2092, 0.3354, 0.2983



48.2092, 0.3722, 0.3730

Rectangle

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



48.2092, 0.2886, 0.3628



48.2092, 0.2548, 0.3122



48.2092, 0.3354, 0.2983



48.2092, 0.3743, 0.3407

Sweetspot

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



48.2112, 0.2886, 0.3628



95.7639, 0.3053, 0.3380



49.5733, 0.3285, 0.4029



20.3371, 0.3040, 0.3398



0.0000, 0.0000, 0.0000



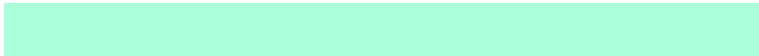
21.4041, 0.3127, 0.3290

Same Dimension

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



48.2112, 0.2886, 0.3628



85.2021, 0.2839, 0.3714



48.0114, 0.2727, 0.3252



11.3504, 0.3042, 0.3394



26.0930, 0.2667, 0.4799



1.1411, 0.2563, 0.4427

Inverse Universe

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



33.8506, 0.3458, 0.2976



54.8956, 0.3555, 0.2905



33.8637, 0.3708, 0.3328



10.1506, 0.3221, 0.3188



8.0009, 0.5170, 0.2621



0.3595, 0.4623, 0.2320

Previews

White Background



This preview shows how the Yxy color 48.2092, 0.2886, 0.3628 looks on a white background.

Color Contrast Check

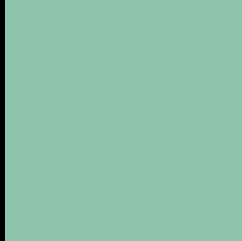
Large Text (above 18pt) WCAG AA × Fail

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 48.2092, 0.2886, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

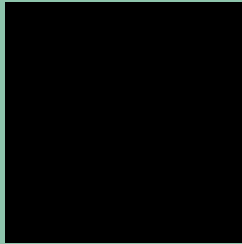
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2092, 0.2886, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 48.2092, 0.2886, 0.3628.

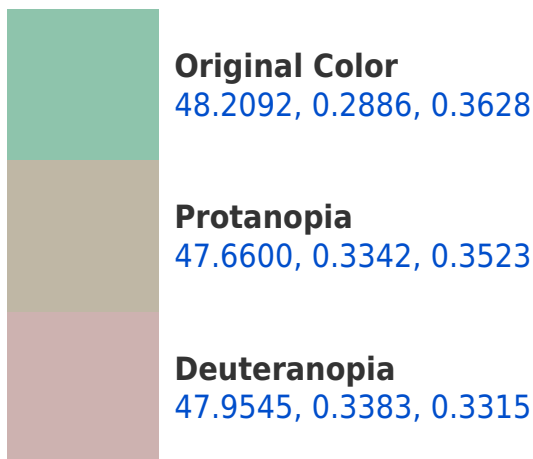


This preview shows how white text looks on a background with the Yxy color 48.2092, 0.2886, 0.3628.

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

48.1074, 0.2708, 0.3089

Trichromacy



Original Color

48.2092, 0.2886, 0.3628

Protanomaly

47.6778, 0.3156, 0.3559

Deuteranomaly

47.7382, 0.3180, 0.3421

Tritanomaly

48.1460, 0.2766, 0.3275

Monochromacy



Original Color

48.2092, 0.2886, 0.3628

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.2686, 0.3030, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2092, 0.2886, 0.3628 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(142, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(142, 196, 172)  
}
```

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(142, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 196, 172) }
```

Border

The CSS property to change the border of an element to Yxy 48.2092, 0.2886, 0.3628 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(142, 196, 172) }
```

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

```
.border{ border-color:rgb(142, 196, 172) }
```

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

Here you see how a box with a 4 pixel rgb(142, 196, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 196, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 196, 172);  
box-shadow:4px 4px 4px 4px rgb(142, 196,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2092, 0.2886, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 196, 172) }
```

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

```
.background{ background-color: rgb(142,  
196, 172) }
```

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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