

Converting Colors

Yxy(60.1492, 0.2814, 0.3446)

Have a look what the booklet for
Yxy(60.1492, 0.2814, 0.3446)
contains.

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Color

Yxy(60.1818, 0.2812, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	9ED7CB
RGB	158, 215, 203
RGB Percent	62%, 84%, 80%
CMY	0.3804, 0.1568, 0.2039
CMYK	0.27, 0.00, 0.06, 0.16
HSL	167°, 42%, 73%
HSV	167°, 27%, 84%
XYZ	49.1808, 60.1818, 65.5336
YIQ	196.5890, -30.1200, -15.8160

Conversions

Conversions Part 2

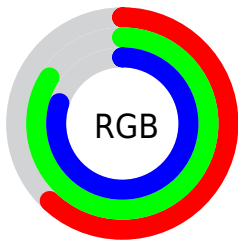
Format	Color
RYB	158, 190, 215
Decimal	10409931
CIELab	81.94, -20.73, -0.01
CIELCh	82, 20.731, 180.014
Yxy	60.1818, 0.2812, 0.3441
Android (android.graphics.Color)	4288600011 (0xFF9ED7CB)
YUV	196.5890, 3.1606, -33.8426
Hunter-Lab	77.5769, -22.5974, 4.2182

Details

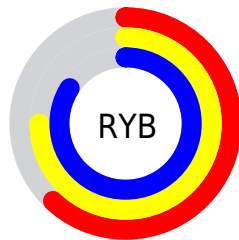
The Yxy color **60.1818, 0.2812, 0.3441** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8012, 0.3575, 0.3145**, and the grayscale version is **55.5695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **30.3148, 0.2733, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **57.9790, 0.2709, 0.3507**, and if you desaturate by 10%, it is **62.7773, 0.2925, 0.3380**.

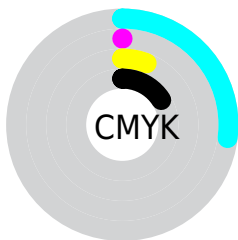
Distribution



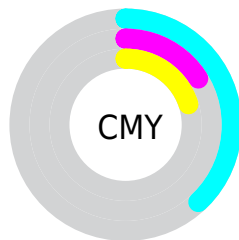
- Red (62%)
- Green (84%)
- Blue (80%)



- Red (62%)
- Yellow (75%)
- Blue (84%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)





- Cyan (38%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1818, 0.2812, 0.3441 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 60.1818, 0.2812, 0.3441 by changing the saturation by 10% instead.


 60.1818, 0.2812,
0.3441


 60.1818, 0.2812,
0.3441

425.2676, 0.2963,
0.3369

 43.5652, 0.2776,
0.3458


 105.0933, 0.2865,
0.3416

 30.3288, 0.2732,
0.3479


 134.1571, 0.2886,
0.3406

 20.0883, 0.2674,
0.3507


168.1386, 0.2903,
0.3397

 12.4593, 0.2597,
0.3544

207.4224, 0.2918,
0.3390

 7.0573, 0.2489,
0.3596

252.3928, 0.2931,
0.3384

 3.4979, 0.2325,
0.3674

303.4342, 0.2943,

 1.3969, 0.2044,

0.3378

360.9310, 0.2953,
0.3373

0.3808

0.2144, 0.0000,
0.4784

0.0000, 0.0000,
0.0000

60.1818, 0.2812,
0.3441

60.1818, 0.2812,
0.3441

57.9790, 0.2709,
0.3507

62.7773, 0.2925,
0.3380

56.1414, 0.2619,
0.3577

65.7764, 0.3046,
0.3324

54.6500, 0.2545,
0.3651

69.1990, 0.3171,
0.3273

53.4805, 0.2489,
0.3727

73.0614, 0.3299,
0.3227

■ 52.6059, 0.2453,
0.3804

■ 75.3333, 0.3348,
0.3184

■ 51.9945, 0.2436,
0.3881

■ 75.5843, 0.3316,
0.3139

■ 51.6059, 0.2437,
0.3958

■ 75.8418, 0.3284,
0.3095

■ 51.4976, 0.2440,
0.3985

■ 76.1060, 0.3253,
0.3051

■ 76.3769, 0.3222,
0.3007

Harmonies

Analogous

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



60.1818, 0.3051, 0.3657



60.1818, 0.2812, 0.3441



60.1818, 0.2660, 0.3188

Triad

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



60.1818, 0.2812, 0.3441



60.1818, 0.2924, 0.2860



60.1818, 0.3652, 0.3572

Complementary

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



60.1818, 0.2812, 0.3441



41.8012, 0.3575, 0.3145

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.



60.1818, 0.3617, 0.3359



60.1818, 0.2812, 0.3441



60.1818, 0.3187, 0.2960

Square

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



60.1818, 0.2812, 0.3441



60.1818, 0.2722, 0.2864



60.1818, 0.3444, 0.3139



60.1818, 0.3539, 0.3724

Rectangle

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



60.1818, 0.2812, 0.3441



60.1818, 0.2625, 0.3040



60.1818, 0.3444, 0.3139



60.1818, 0.3657, 0.3505

Sweetspot

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



60.1843, 0.2812, 0.3441



96.0609, 0.3027, 0.3332



59.6563, 0.3181, 0.4027



20.4122, 0.3008, 0.3340



0.0000, 0.0000, 0.0000



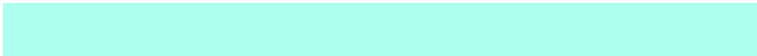
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1843, 0.2812, 0.3441



86.6137, 0.2751, 0.3479



52.9537, 0.2722, 0.3083



14.0611, 0.3010, 0.3339



30.8163, 0.2437, 0.3973



1.8702, 0.2400, 0.3841

Inverse Universe

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



41.8012, 0.3575, 0.3145



55.0429, 0.3710, 0.3112



47.2452, 0.3644, 0.3488



12.4631, 0.3258, 0.3241



8.7680, 0.6035, 0.3098



0.5412, 0.5548, 0.2830

Previews

White Background



This preview shows how the Yxy color 60.1818, 0.2812, 0.3441 looks on a white background.

Color Contrast Check

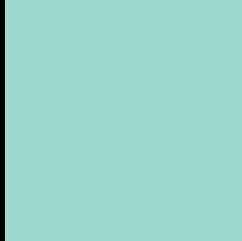
Large Text (above 18pt) WCAG AA × Fail

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 60.1818, 0.2812, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

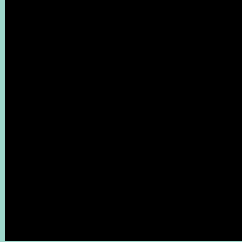
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

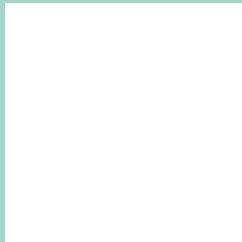
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1818, 0.2812, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 60.1818, 0.2812, 0.3441.



This preview shows how white text looks on a background with the Yxy color 60.1818, 0.2812, 0.3441.

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

60.1818, 0.2812, 0.3441

Protanopia

59.6365, 0.3217, 0.3361

Deuteranopia

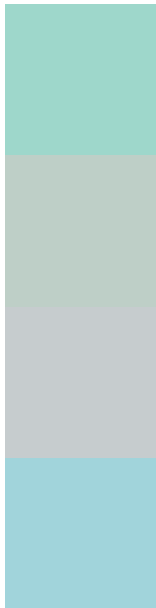
59.8097, 0.3243, 0.3178



Tritanopia

59.9765, 0.2693, 0.3082

Trichromacy



Original Color

60.1818, 0.2812, 0.3441

Protanomaly

59.6963, 0.3055, 0.3387

Deuteranomaly

59.6477, 0.3068, 0.3266

Tritanomaly

59.7785, 0.2734, 0.3202

Monochromacy



Original Color

60.1818, 0.2812, 0.3441

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.3765, 0.3004, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1818, 0.2812, 0.3441 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(158, 215, 203)` looks like.

```
.text, #text, p{  
    color:rgb(158, 215, 203)  
}
```

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(158, 215, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 215, 203) }
```

Border

The CSS property to change the border of an element to Yxy 60.1818, 0.2812, 0.3441 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(158, 215, 203) }
```

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

```
.border{ border-color:rgb(158, 215, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 215, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 215, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 215, 203);  
box-shadow:4px 4px 4px 4px rgb(158, 215,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1818, 0.2812, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 215, 203) }
```

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

```
.background{ background-color: rgb(158,  
215, 203) }
```

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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