

Converting Colors

$Yxy(60.2958, 0.2961, 0.4140)$

Have a look what the booklet for
Yxy(60.2958, 0.2961, 0.4140)
contains.

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Color

Yxy(60.2347, 0.2959, 0.4142)

Conversions

Conversions Part 1

Format	Color
Hex	8BDE9F
RGB	139, 222, 159
RGB Percent	55%, 87%, 62%
CMY	0.4548, 0.1294, 0.3765
CMYK	0.37, 0.00, 0.28, 0.13
HSL	134°, 56%, 71%
HSV	134°, 37%, 87%
XYZ	43.0310, 60.2347, 42.1585
YIQ	190.0010, -29.2450, -37.1890

Conversions

Conversions Part 2

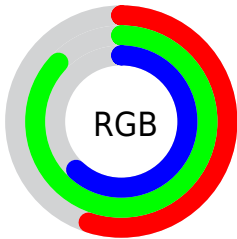
Format	Color
RYB	139, 206, 222
Decimal	9166495
CIELab	81.97, -38.34, 23.14
CIELCh	82, 44.776, 148.890
Yxy	60.2347, 0.2959, 0.4142
Android (android.graphics.Color)	4287356575 (0xFF8BDE9F)
YUV	190.0010, -15.2835, -44.7279
Hunter-Lab	77.6110, -36.8509, 22.1213

Details

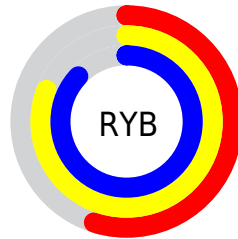
The Yxy color **60.2347, 0.2959, 0.4142** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **38.2713, 0.3359, 0.2569**, and the grayscale version is **51.6011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9771, 0.2992, 0.3739**, and **30.2653, 0.2904, 0.4386** is the 20% darker color. If you saturate the color by 10%, you get **57.9697, 0.2923, 0.4421**, and if you desaturate by 10%, it is **62.9725, 0.3001, 0.3881**.

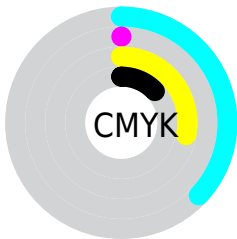
Distribution



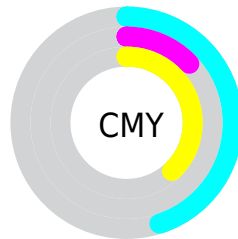
- Red (55%)
- Green (87%)
- Blue (62%)



- Red (55%)
- Yellow (81%)
- Blue (87%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)




- Cyan (45%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2347, 0.2959, 0.4142 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 60.2347, 0.2959, 0.4142 by changing the saturation by 10% instead.

 60.2347, 0.2959,
0.4142

 60.2347, 0.2959,
0.4142


425.4623, 0.3051,
0.3712

 43.6078, 0.2934,
0.4250

 105.1701, 0.2994,
0.3985

 30.3623, 0.2900,
0.4388


 134.2473, 0.3007,
0.3927

 20.1138, 0.2853,
0.4573


 168.2435, 0.3017,
0.3877

 12.4778, 0.2785,
0.4829

207.5431, 0.3026,
0.3835

 7.0699, 0.2675,
0.5207

252.5303, 0.3034,
0.3798

 3.5059, 0.2480,
0.5810

303.5897, 0.3040,

 1.4012, 0.1874,

0.3766

0.8126

361.1056, 0.3046,
0.3737

0.2176, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.2347, 0.2959,
0.4142

60.2347, 0.2959,
0.4142

57.9697, 0.2923,
0.4421

62.9725, 0.3001,
0.3881

56.1433, 0.2897,
0.4711


66.2004, 0.3046,
0.3643

54.7282, 0.2882,
0.4998


69.9436, 0.3093,
0.3431

53.6912, 0.2882,
0.5269


74.2238, 0.3139,
0.3243

 52.9933, 0.2896,
0.5508

 79.0612, 0.3184,
0.3079

 52.5835, 0.2922,
0.5700

 80.7218, 0.3142,
0.2970

 52.5028, 0.2929,
0.5743

Harmonies

Analogous

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



60.2347, 0.3522, 0.4339



60.2347, 0.2959, 0.4142



60.2347, 0.2468, 0.3635

Triad

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



60.2347, 0.2959, 0.4142



60.2347, 0.2277, 0.2410



60.2347, 0.4188, 0.3376

Complementary

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



60.2347, 0.2959, 0.4142



38.2713, 0.3359, 0.2569

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.



60.2347, 0.3792, 0.2948



60.2347, 0.2959, 0.4142



60.2347, 0.2667, 0.2415

Square

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



60.2347, 0.2959, 0.4142



60.2347, 0.2105, 0.2622



60.2347, 0.3218, 0.2608



60.2347, 0.4260, 0.3819

Rectangle

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



60.2347, 0.2959, 0.4142



60.2347, 0.2243, 0.3240



60.2347, 0.3218, 0.2608



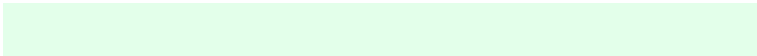
60.2347, 0.4087, 0.3228

Sweetspot

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



60.2372, 0.2959, 0.4142



93.7660, 0.3075, 0.3507



66.7532, 0.3535, 0.4266



19.9187, 0.3069, 0.3536



0.0000, 0.0000, 0.0000



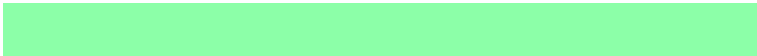
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2372, 0.2959, 0.4142



79.9392, 0.2930, 0.4364



61.8983, 0.2726, 0.3576



15.3911, 0.3083, 0.3473



31.2007, 0.2922, 0.5720



2.1766, 0.2840, 0.5423

Inverse Universe

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



38.2713, 0.3359, 0.2569



45.6568, 0.3424, 0.2421



36.5842, 0.3791, 0.3028



13.8763, 0.3174, 0.3114



10.9347, 0.3927, 0.1937



0.7716, 0.3793, 0.1863

Previews

White Background



This preview shows how the Yxy color 60.2347, 0.2959, 0.4142 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 60.2347, 0.2959, 0.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

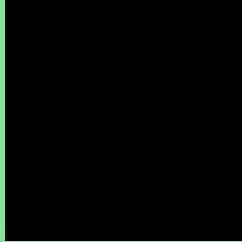
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2347, 0.2959, 0.4142

Background



This preview shows how black text looks on a background with the Yxy color 60.2347, 0.2959, 0.4142.



This preview shows how white text looks on a background with the Yxy color 60.2347, 0.2959, 0.4142.

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

60.2347, 0.2959, 0.4142

Protanopia

59.8193, 0.3644, 0.3908

Deuteranopia

59.4090, 0.3697, 0.3626



Tritanopia

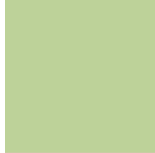
60.1717, 0.2631, 0.3080

Trichromacy



Original Color

60.2347, 0.2959, 0.4142



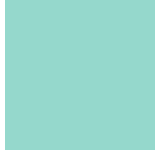
Protanomaly

59.2119, 0.3365, 0.4003



Deuteranomaly

58.5863, 0.3392, 0.3803



Tritanomaly

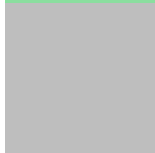
59.8609, 0.2752, 0.3443

Monochromacy



Original Color

60.2347, 0.2959, 0.4142



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.1537, 0.3052, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2347, 0.2959, 0.4142 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(139, 222, 159)` looks like.

```
.text, #text, p{  
    color:rgb(139, 222, 159)  
}
```

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(139, 222, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 222, 159) }
```

Border

The CSS property to change the border of an element to Yxy 60.2347, 0.2959, 0.4142 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(139, 222, 159) }
```

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

```
.border{ border-color:rgb(139, 222, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 222, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 222, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 222, 159); box-shadow:4px 4px 4px 4px rgb(139, 222, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2347, 0.2959, 0.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 222, 159) }
```

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

```
.background{ background-color: rgb(139,  
222, 159) }
```

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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