

Converting Colors

$Yxy(60.2037, 0.2711, 0.3486)$

Have a look what the booklet for
Yxy(60.2037, 0.2711, 0.3486)
contains.

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Color

Yxy(60.1173, 0.2714, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	8DDACB
RGB	141, 218, 203
RGB Percent	55%, 85%, 80%
CMY	0.4468, 0.1451, 0.2039
CMYK	0.35, 0.00, 0.07, 0.15
HSL	168°, 51%, 70%
HSV	168°, 35%, 85%
XYZ	46.8442, 60.1173, 65.6406
YIQ	193.2670, -41.0770, -20.9890

Conversions

Conversions Part 2

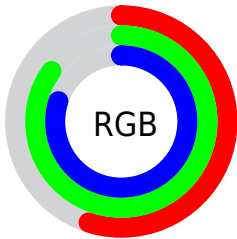
Format	Color
RYB	141, 184, 218
Decimal	9296587
CIELab	81.90, -27.04, -0.16
CIELCh	82, 27.041, 180.333
Yxy	60.1173, 0.2714, 0.3483
Android (android.graphics.Color)	4287486667 (0xFF8DDACB)
YUV	193.2670, 4.7984, -45.8382
Hunter-Lab	77.5353, -27.8433, 4.0805

Details

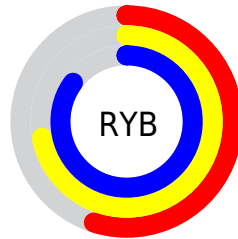
The Yxy color **60.1173, 0.2714, 0.3483** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.3753, 0.3800, 0.3110**, and the grayscale version is **53.4925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **30.3905, 0.2612, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **58.1924, 0.2621, 0.3547**, and if you desaturate by 10%, it is **62.4287, 0.2820, 0.3423**.

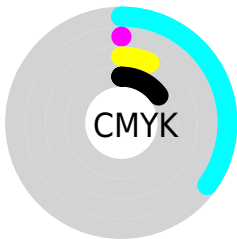
Distribution



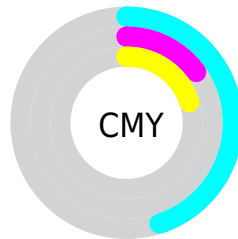
- Red (55%)
- Green (85%)
- Blue (80%)



- Red (55%)
- Yellow (72%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)





- Cyan (45%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1173, 0.2714, 0.3483 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 60.1173, 0.2714, 0.3483 by changing the saturation by 10% instead.


 60.1173, 0.2714,
0.3483


 60.1173, 0.2714,
0.3483


425.0300, 0.2911,
0.3391

 43.5132, 0.2668,
0.3505

 104.9998, 0.2784,
0.3451

 30.2880, 0.2609,
0.3532


 134.0470, 0.2810,
0.3438

 20.0573, 0.2534,
0.3567


168.0107, 0.2833,
0.3428

 12.4367, 0.2434,
0.3613

207.2752, 0.2853,
0.3418

 7.0418, 0.2294,
0.3678

252.2250, 0.2870,
0.3410

 3.4883, 0.2085,
0.3775

303.2445, 0.2885,

 1.3916, 0.1685,

0.3403

360.7180, 0.2899,
0.3397

0.3960

0.2106, 0.0000,
0.4671

0.0000, 0.0000,
0.0000

60.1173, 0.2714,
0.3483

60.1173, 0.2714,
0.3483

58.1924, 0.2621,
0.3547

62.4287, 0.2820,
0.3423

56.6245, 0.2544,
0.3615

65.1398, 0.2936,
0.3367

55.3916, 0.2484,
0.3685

68.2720, 0.3060,
0.3315

54.4660, 0.2444,
0.3755

71.8428, 0.3188,
0.3269

■ 53.8156, 0.2424,
0.3827

■ 75.8691, 0.3318,
0.3227

■ 53.4010, 0.2422,
0.3897

■ 77.0273, 0.3324,
0.3186

■ 53.2553, 0.2425,
0.3930

■ 77.2666, 0.3295,
0.3144

■ 77.5119, 0.3265,
0.3102

■ 77.7630, 0.3236,
0.3061

Harmonies

Analogous

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



60.1173, 0.3020, 0.3773



60.1173, 0.2714, 0.3483



60.1173, 0.2523, 0.3148

Triad

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



60.1173, 0.2714, 0.3483



60.1173, 0.2864, 0.2739



60.1173, 0.3812, 0.3652

Complementary

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



60.1173, 0.2714, 0.3483



36.3753, 0.3800, 0.3110

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.



60.1173, 0.3771, 0.3376



60.1173, 0.2714, 0.3483



60.1173, 0.3207, 0.2868

Square

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



60.1173, 0.2714, 0.3483



60.1173, 0.2606, 0.2738



60.1173, 0.3544, 0.3095



60.1173, 0.3660, 0.3855

Rectangle

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



60.1173, 0.2714, 0.3483



60.1173, 0.2480, 0.2957



60.1173, 0.3544, 0.3095



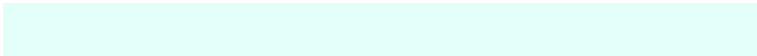
60.1173, 0.3821, 0.3564

Sweetspot

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



60.1197, 0.2714, 0.3483



94.7159, 0.2987, 0.3344



59.1770, 0.3184, 0.4313



20.1450, 0.2971, 0.3352



0.0000, 0.0000, 0.0000



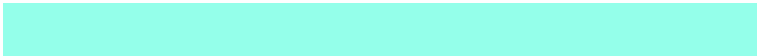
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1197, 0.2714, 0.3483



83.7553, 0.2647, 0.3528



49.7219, 0.2591, 0.2986



14.7838, 0.3008, 0.3336



31.9233, 0.2422, 0.3920



2.0795, 0.2390, 0.3805

Inverse Universe

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



36.3753, 0.3800, 0.3110



45.2639, 0.4003, 0.3074



43.4317, 0.3868, 0.3572



13.0928, 0.3261, 0.3245



9.0441, 0.6079, 0.3122



0.5981, 0.5631, 0.2876

Previews

White Background



This preview shows how the Yxy color 60.1173, 0.2714, 0.3483 looks on a white background.

Color Contrast Check

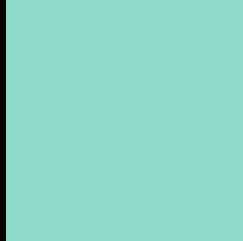
Large Text (above 18pt) WCAG AA × Fail

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 60.1173, 0.2714, 0.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

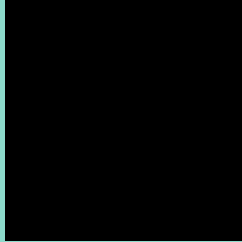
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

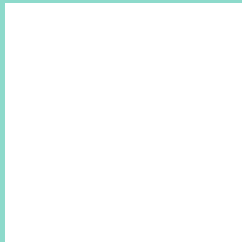
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1173, 0.2714, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 60.1173, 0.2714, 0.3483.

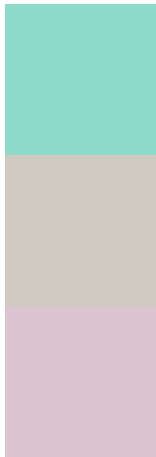


This preview shows how white text looks on a background with the Yxy color 60.1173, 0.2714, 0.3483.

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

60.1173, 0.2714, 0.3483

Protanopia

59.5460, 0.3232, 0.3384

Deuteranopia

59.2496, 0.3229, 0.3155



Tritanopia

60.1586, 0.2594, 0.3079

Trichromacy



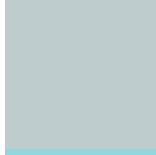
Original Color

60.1173, 0.2714, 0.3483



Protanomaly

59.3333, 0.3025, 0.3425



Deuteranomaly

58.7183, 0.3015, 0.3266



Tritanomaly

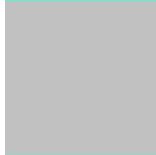
59.8411, 0.2633, 0.3213

Monochromacy



Original Color

60.1173, 0.2714, 0.3483



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.2709, 0.2951, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1173, 0.2714, 0.3483 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(141, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(141, 218, 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(141, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 218, 203) }
```

Border

The CSS property to change the border of an element to Yxy 60.1173, 0.2714, 0.3483 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(141, 218, 203) }
```

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

```
.border{ border-color:rgb(141, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(141, 218,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1173, 0.2714, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 218, 203) }
```

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

```
.background{ background-color: rgb(141,  
218, 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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