

Converting Colors

$Yxy(62.8483, 0.2654, 0.3720)$

Have a look what the booklet for
Yxy(62.8483, 0.2654, 0.3720)
contains.

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Color

Yxy(62.7299, 0.2652, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	76E3C3
RGB	118, 227, 195
RGB Percent	46%, 89%, 76%
CMY	0.5372, 0.1098, 0.2353
CMYK	0.48, 0.00, 0.14, 0.11
HSL	162°, 66%, 68%
HSV	162°, 48%, 89%
XYZ	44.7926, 62.7299, 61.3787
YIQ	190.7610, -54.6920, -33.0600

Conversions

Conversions Part 2

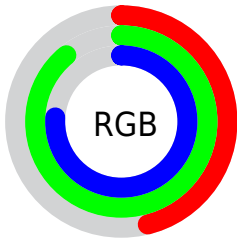
Format	Color
RYB	118, 182, 227
Decimal	7791555
CIELab	83.30, -38.92, 5.99
CIELCh	83, 39.378, 171.247
Yxy	62.7299, 0.2652, 0.3714
Android (android.graphics.Color)	4285981635 (0xFF76E3C3)
YUV	190.7610, 2.0898, -63.8114
Hunter-Lab	79.2022, -37.6537, 9.4941

Details

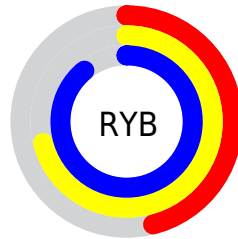
The Yxy color **62.7299, 0.2652, 0.3714** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **31.4954, 0.4051, 0.2922**, and the grayscale version is **51.9701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7784, 0.2695, 0.3321**, and **31.9484, 0.2534, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **61.0347, 0.2588, 0.3821**, and if you desaturate by 10%, it is **64.8260, 0.2732, 0.3612**.

Distribution



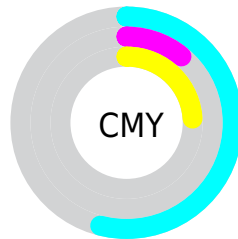
- Red (46%)
- Green (89%)
- Blue (76%)



- Red (46%)
- Yellow (71%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)




- Cyan (54%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7299, 0.2652, 0.3714 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 62.7299, 0.2652, 0.3714 by changing the saturation by 10% instead.


 62.7299, 0.2652,
0.3714

 62.7299, 0.2652,
0.3714


434.5886, 0.2879,
0.3508

 45.6227, 0.2598,
0.3764


 108.7797, 0.2732,
0.3640

 31.9482, 0.2531,
0.3827


 138.4912, 0.2763,
0.3612

 21.3219, 0.2444,
0.3909


 173.1729, 0.2790,
0.3588

 13.3595, 0.2328,
0.4020

213.2092, 0.2812,
0.3568

 7.6766, 0.2165,
0.4180

258.9846, 0.2832,
0.3550

 3.8887, 0.1923,
0.4427

310.8833, 0.2850,

 1.6115, 0.1378,

0.3534

0.4940

369.2898, 0.2865,
0.3520

0.3653, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.7299, 0.2652,
0.3714

62.7299, 0.2652,
0.3714

61.0347, 0.2588,
0.3821

64.8260, 0.2732,
0.3612

59.7047, 0.2541,
0.3931


67.3406, 0.2825,
0.3517


58.7107, 0.2515,
0.4043


70.2996, 0.2927,
0.3429


58.0152, 0.2509,
0.4156

73.7242, 0.3037,
0.3349


 57.5656, 0.2521,
0.4266


 77.6346, 0.3150,
0.3276

 57.4896, 0.2525,
0.4288

 82.0495, 0.3265,
0.3211

 82.5894, 0.3226,
0.3146

 82.9965, 0.3183,
0.3082

 83.4183, 0.3140,
0.3019

Harmonies

Analogous

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



62.7299, 0.3112, 0.4093



62.7299, 0.2652, 0.3714



62.7299, 0.2335, 0.3215

Triad

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



62.7299, 0.2652, 0.3714



62.7299, 0.2623, 0.2501



62.7299, 0.4124, 0.3668

Complementary

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



62.7299, 0.2652, 0.3714



31.4954, 0.4051, 0.2922

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.



62.7299, 0.3982, 0.3273



62.7299, 0.2652, 0.3714



62.7299, 0.3079, 0.2631

Square

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



62.7299, 0.2652, 0.3714



62.7299, 0.2322, 0.2548



62.7299, 0.3586, 0.2906



62.7299, 0.3975, 0.4011

Rectangle

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



62.7299, 0.2652, 0.3714



62.7299, 0.2235, 0.2916



62.7299, 0.3586, 0.2906



62.7299, 0.4110, 0.3538

Sweetspot

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



62.7324, 0.2652, 0.3714



93.1898, 0.2970, 0.3397



62.7996, 0.3261, 0.4714



19.7455, 0.2946, 0.3414



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.



62.7324, 0.2652, 0.3714



79.3841, 0.2586, 0.3825



53.1601, 0.2441, 0.3003



16.2605, 0.3020, 0.3360



33.5489, 0.2520, 0.4271



2.4952, 0.2475, 0.4110

Inverse Universe

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



31.4954, 0.4051, 0.2922



34.0152, 0.4376, 0.2859



36.3422, 0.4323, 0.3547



14.4373, 0.3246, 0.3221



9.7759, 0.5779, 0.2957



0.7382, 0.5362, 0.2728

Previews

White Background



This preview shows how the Yxy color 62.7299, 0.2652, 0.3714 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 62.7299, 0.2652, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

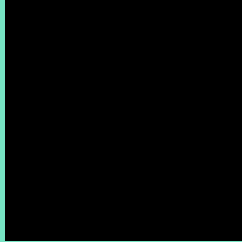
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

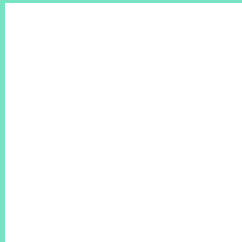
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7299, 0.2652, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 62.7299, 0.2652, 0.3714.

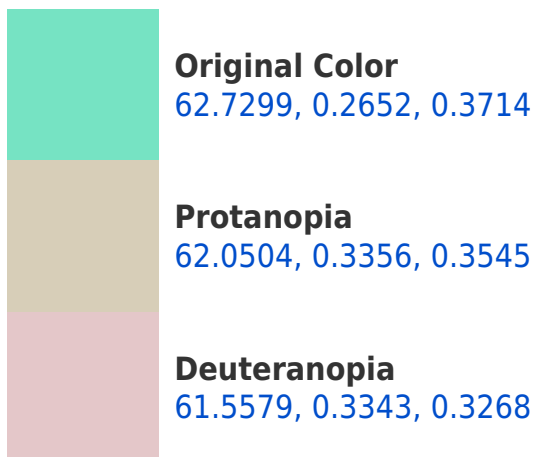


This preview shows how white text looks on a background with the Yxy color 62.7299, 0.2652, 0.3714.

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

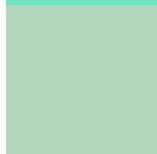
62.7702, 0.2482, 0.3067

Trichromacy



Original Color

62.7299, 0.2652, 0.3714



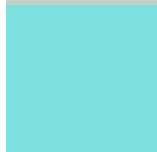
Protanomaly

61.4273, 0.3054, 0.3612



Deuteranomaly

60.4158, 0.3040, 0.3411



Tritanomaly

62.5387, 0.2540, 0.3288

Monochromacy



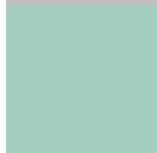
Original Color

62.7299, 0.2652, 0.3714



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.8840, 0.2913, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7299, 0.2652, 0.3714 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(118, 227, 195)` looks like.

```
.text, #text, p{  
    color:rgb(118, 227, 195)  
}
```

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(118, 227, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 227, 195) }
```

Border

The CSS property to change the border of an element to Yxy 62.7299, 0.2652, 0.3714 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(118, 227, 195) }
```

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

```
.border{ border-color:rgb(118, 227, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 227, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 227, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 227, 195);  
box-shadow:4px 4px 4px 4px rgb(118, 227,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7299, 0.2652, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 227, 195) }
```

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

```
.background{ background-color: rgb(118,  
227, 195) }
```

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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