

Converting Colors

$Yxy(61.5467, 0.2719, 0.3290)$

Have a look what the booklet for
Yxy(61.5467, 0.2719, 0.3290)
contains.

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Color

Yxy(61.6040, 0.2715, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	9BD9D9
RGB	155, 217, 217
RGB Percent	61%, 85%, 85%
CMY	0.3922, 0.1490, 0.1491
CMYK	0.29, 0.00, 0.00, 0.15
HSL	180°, 45%, 73%
HSV	180°, 29%, 85%
XYZ	50.8528, 61.6040, 74.8463
YIQ	198.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

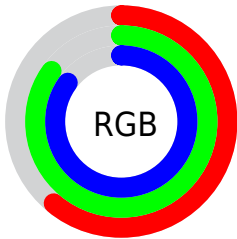
Format	Color
RYB	155, 186, 217
Decimal	10213849
CIELab	82.70, -19.53, -6.33
CIELCh	83, 20.533, 197.963
Yxy	61.6040, 0.2715, 0.3289
Android (android.graphics.Color)	4288403929 (0xFF9BD9D9)
YUV	198.4620, 9.1392, -38.1162
Hunter-Lab	78.4882, -21.7036, -1.5972

Details

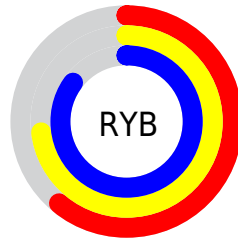
The Yxy color **61.6040, 0.2715, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5623, 0.3754, 0.3292**, and the grayscale version is **56.7285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **31.2160, 0.2614, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **59.6485, 0.2594, 0.3289**, and if you desaturate by 10%, it is **63.9502, 0.2850, 0.3289**.

Distribution



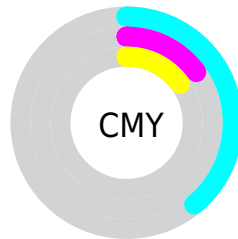
- Red (61%)
- Green (85%)
- Blue (85%)



- Red (61%)
- Yellow (73%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)




- Cyan (39%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6040, 0.2715, 0.3289 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 61.6040, 0.2715, 0.3289 by changing the saturation by 10% instead.


 61.6040, 0.2715,
0.3289

 61.6040, 0.2715,
0.3289

430.4851, 0.2909,
0.3292

 44.7128, 0.2670,
0.3287


 107.1530, 0.2783,
0.3291

 31.2313, 0.2614,
0.3285


 136.5796, 0.2809,
0.3291

 20.7750, 0.2542,
0.3281


170.9534, 0.2832,
0.3292

 12.9596, 0.2446,
0.3275

210.6589, 0.2851,
0.3292

 7.4008, 0.2315,
0.3264

256.0804, 0.2869,
0.3292

 3.7140, 0.2122,
0.3243

307.6024, 0.2884,

 1.5149, 0.1813,

0.3292

0.3195

365.6091, 0.2897,
0.3292

0.2992, 0.0000,
0.2802

0.0000, 0.0000,
0.0000

61.6040, 0.2715,
0.3289

61.6040, 0.2715,
0.3289

59.6485, 0.2594,
0.3289

63.9502, 0.2850,
0.3289

58.0557, 0.2490,
0.3289

66.6990, 0.2995,
0.3290

56.8055, 0.2405,
0.3288

69.8705, 0.3150,
0.3290

55.8726, 0.2338,
0.3288

73.4816, 0.3309,
0.3290

■ 55.2287, 0.2291,
0.3288

■ 75.8997, 0.3407,
0.3291

■ 54.8400, 0.2262,
0.3288

■ 75.9001, 0.3407,
0.3291

■ 54.6555, 0.2248,
0.3288

■ 75.9004, 0.3407,
0.3291

■ 54.6355, 0.2247,
0.3288

■ 75.9008, 0.3407,
0.3290

■ 75.9011, 0.3407,
0.3290

Harmonies

Analogous

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



61.6040, 0.2904, 0.3533



61.6040, 0.2715, 0.3289



61.6040, 0.2634, 0.3058

Triad

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



61.6040, 0.2715, 0.3289



61.6040, 0.3079, 0.2915



61.6040, 0.3592, 0.3668

Complementary

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



61.6040, 0.2715, 0.3289



40.5623, 0.3754, 0.3292

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.



61.6040, 0.3647, 0.3488



61.6040, 0.2715, 0.3289



61.6040, 0.3343, 0.3063

Square

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



61.6040, 0.2715, 0.3289



61.6040, 0.2837, 0.2856



61.6040, 0.3555, 0.3269



61.6040, 0.3411, 0.3754

Rectangle

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



61.6040, 0.2715, 0.3289



61.6040, 0.2649, 0.2944



61.6040, 0.3555, 0.3269



61.6040, 0.3626, 0.3615

Sweetspot

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



61.6065, 0.2715, 0.3289



95.9037, 0.2988, 0.3290



59.0666, 0.3096, 0.4114



20.3958, 0.2966, 0.3290



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.



61.6065, 0.2715, 0.3289



87.0961, 0.2644, 0.3289



47.5346, 0.2674, 0.2901



14.8295, 0.2982, 0.3290



33.0713, 0.2247, 0.3288



2.1425, 0.2247, 0.3288

Inverse Universe

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



40.5623, 0.3754, 0.3292



52.2155, 0.3934, 0.3292



51.8043, 0.3654, 0.3649



13.0516, 0.3292, 0.3290



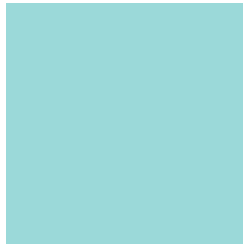
8.9300, 0.6400, 0.3300



0.5786, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 61.6040, 0.2715, 0.3289 looks on a white background.

Color Contrast Check

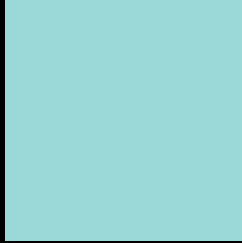
Large Text (above 18pt) WCAG AA × Fail

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 61.6040, 0.2715, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

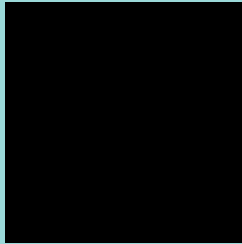
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

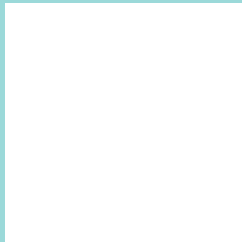
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6040, 0.2715, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 61.6040, 0.2715, 0.3289.

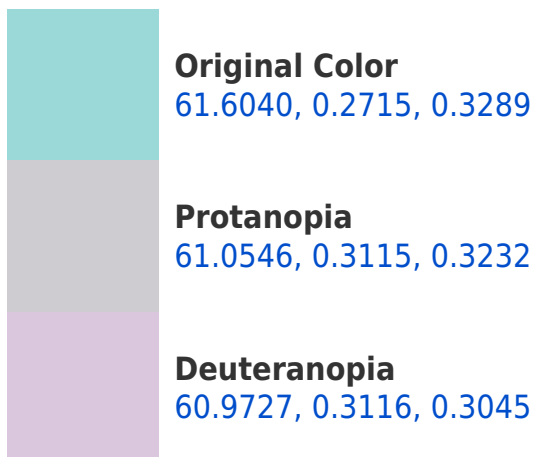


This preview shows how white text looks on a background with the Yxy color 61.6040, 0.2715, 0.3289.

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

61.6962, 0.2647, 0.3083

Trichromacy



Original Color

61.6040, 0.2715, 0.3289

Protanomaly

61.0458, 0.2954, 0.3254

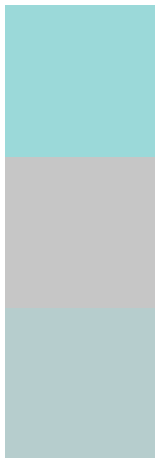
Deuteranomaly

60.9120, 0.2951, 0.3126

Tritanomaly

61.8259, 0.2670, 0.3154

Monochromacy



Original Color

61.6040, 0.2715, 0.3289

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.0155, 0.2956, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6040, 0.2715, 0.3289 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(155, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(155, 217, 217)  
}
```

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(155, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 217, 217) }
```

Border

The CSS property to change the border of an element to Yxy 61.6040, 0.2715, 0.3289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

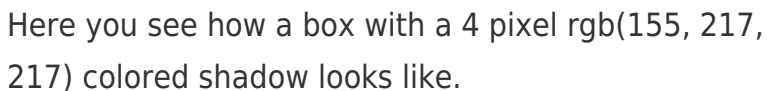
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 217, 217) }
```

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

```
.border{ border-color:rgb(155, 217, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(155, 217,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6040, 0.2715, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 217, 217) }
```

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

```
.background{ background-color: rgb(155,  
217, 217) }
```

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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