

Converting Colors

$Yxy(61.4341, 0.2692, 0.3297)$

Have a look what the booklet for
Yxy(61.4341, 0.2692, 0.3297)
contains.

Yxy(61.2148, 0.2692, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.2148, 0.2692, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	97D9D9
RGB	151, 217, 217
RGB Percent	59%, 85%, 85%
CMY	0.4076, 0.1490, 0.1491
CMYK	0.30, 0.00, 0.00, 0.15
HSL	180°, 46%, 72%
HSV	180°, 30%, 85%
XYZ	50.1034, 61.2148, 74.8015
YIQ	197.2660, -39.3360, -13.9920

Conversions

Conversions Part 2

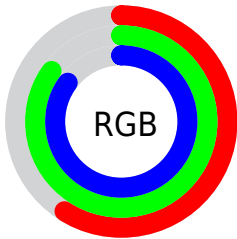
Format	Color
RYB	151, 184, 217
Decimal	9951705
CIELab	82.49, -20.64, -6.66
CIELCh	82, 21.685, 197.876
Yxy	61.2148, 0.2692, 0.3289
Android (android.graphics.Color)	4288141785 (0xFF97D9D9)
YUV	197.2660, 9.7289, -40.5753
Hunter-Lab	78.2399, -22.6115, -1.9165

Details

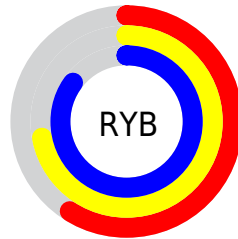
The Yxy color **61.2148, 0.2692, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.1378, 0.3808, 0.3292**, and the grayscale version is **55.9682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **30.9907, 0.2586, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **59.3273, 0.2574, 0.3289**, and if you desaturate by 10%, it is **63.4893, 0.2824, 0.3289**.

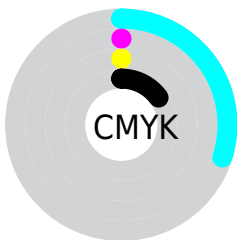
Distribution



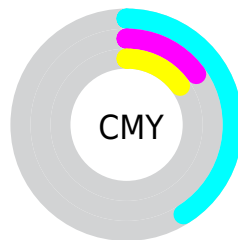
- Red (59%)
- Green (85%)
- Blue (85%)



- Red (59%)
- Yellow (72%)
- Blue (85%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (41%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2148, 0.2692, 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 61.2148, 0.2692, 0.3289 by changing the saturation by 10% instead.


 61.2148, 0.2692,
0.3289


 61.2148, 0.2692,
0.3289


429.0611, 0.2897,
0.3293

 44.3985, 0.2644,
0.3287


 106.5899, 0.2764,
0.3291

 30.9839, 0.2585,
0.3285


 135.9175, 0.2792,
0.3292

 20.5866, 0.2509,
0.3281

170.1844, 0.2815,
0.3292

 12.8222, 0.2408,
0.3274

209.7749, 0.2836,
0.3292

 7.3062, 0.2270,
0.3262

255.0734, 0.2854,
0.3292

 3.6543, 0.2066,
0.3238

306.4644, 0.2870,

 1.4821, 0.1742,

0.3293

0.3184

364.3321, 0.2884,
0.3293

0.2761, 0.0000,
0.2650

0.0000, 0.0000,
0.0000

61.2148, 0.2692,
0.3289

61.2148, 0.2692,
0.3289

59.3273, 0.2574,
0.3289

63.4893, 0.2824,
0.3289

57.7986, 0.2474,
0.3289

66.1629, 0.2968,
0.3290

56.6080, 0.2391,
0.3288

69.2562, 0.3121,
0.3290

55.7298, 0.2328,
0.3288

72.7859, 0.3280,
0.3290

■ 55.1349, 0.2285,
0.3288

■ 75.8952, 0.3407,
0.3291

■ 54.7884, 0.2259,
0.3288

■ 75.8956, 0.3407,
0.3291

■ 54.6302, 0.2247,
0.3289

■ 75.8960, 0.3407,
0.3291

■ 75.8964, 0.3407,
0.3290

■ 75.8968, 0.3407,
0.3290

Harmonies

Analogous

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



61.2148, 0.2892, 0.3548



61.2148, 0.2692, 0.3289



61.2148, 0.2606, 0.3045

Triad

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



61.2148, 0.2692, 0.3289



61.2148, 0.3075, 0.2894



61.2148, 0.3620, 0.3688

Complementary

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



61.2148, 0.2692, 0.3289



39.1378, 0.3808, 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.



61.2148, 0.3678, 0.3497



61.2148, 0.2692, 0.3289



61.2148, 0.3355, 0.3050

Square

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



61.2148, 0.2692, 0.3289



61.2148, 0.2820, 0.2831



61.2148, 0.3580, 0.3266



61.2148, 0.3428, 0.3781

Rectangle

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



61.2148, 0.2692, 0.3289



61.2148, 0.2622, 0.2924



61.2148, 0.3580, 0.3266



61.2148, 0.3656, 0.3633

Sweetspot

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



61.2173, 0.2692, 0.3289



95.9036, 0.2988, 0.3290



58.5506, 0.3093, 0.4175



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.



61.2173, 0.2692, 0.3289



86.5455, 0.2620, 0.3289



46.3435, 0.2645, 0.2872



14.8295, 0.2982, 0.3290



33.0709, 0.2247, 0.3289



2.1425, 0.2247, 0.3288

Inverse Universe

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



39.1378, 0.3808, 0.3292



50.1782, 0.4003, 0.3292



50.8236, 0.3695, 0.3673



13.0516, 0.3292, 0.3290



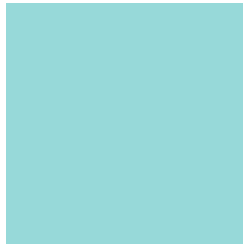
8.9300, 0.6400, 0.3299



0.5786, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 61.2148, 0.2692, 0.3289 looks on a white background.

Color Contrast Check

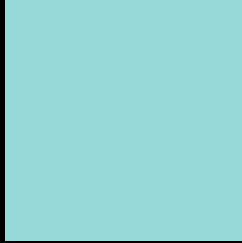
Large Text (above 18pt) WCAG AA × Fail

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 61.2148, 0.2692, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

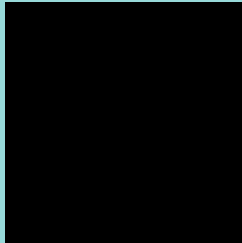
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

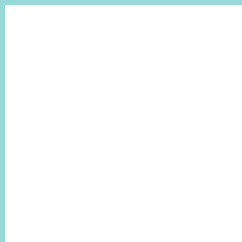
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2148, 0.2692, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 61.2148, 0.2692, 0.3289.

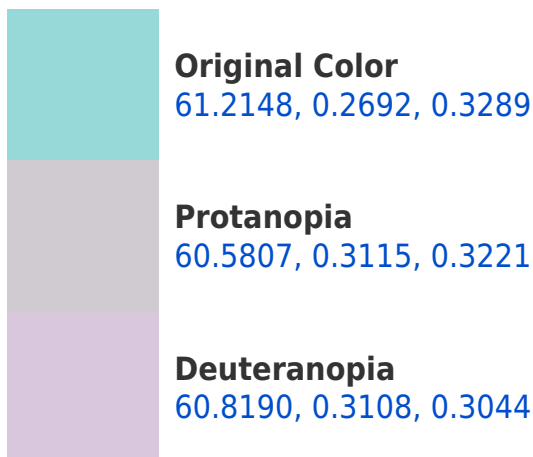


This preview shows how white text looks on a background with the Yxy color 61.2148, 0.2692, 0.3289.

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

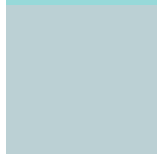
61.3956, 0.2630, 0.3082

Trichromacy



Original Color

61.2148, 0.2692, 0.3289



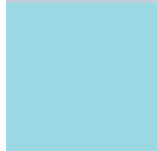
Protanomaly

60.4300, 0.2947, 0.3242



Deuteranomaly

60.6474, 0.2937, 0.3125



Tritanomaly

61.5278, 0.2652, 0.3154

Monochromacy



Original Color

61.2148, 0.2692, 0.3289



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.2487, 0.2949, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2148, 0.2692, 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(151, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(151, 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(151, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 217, 217) }
```

Border

The CSS property to change the border of an element to Yxy 61.2148, 0.2692, 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(151, 217, 217) }
```

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

```
.border{ border-color:rgb(151, 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(151, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(151, 217,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2148, 0.2692, 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(151, 217, 217) }
```

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

```
.background{ background-color: rgb(151,  
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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