

Converting Colors

$Yxy(61.5034, 0.2651, 0.3296)$

Have a look what the booklet for
Yxy(61.5034, 0.2651, 0.3296)
contains.

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Color

Yxy(61.6543, 0.2650, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	90DBDA
RGB	144, 219, 218
RGB Percent	56%, 86%, 85%
CMY	0.4351, 0.1412, 0.1451
CMYK	0.34, 0.00, 0.00, 0.14
HSL	179°, 51%, 71%
HSV	179°, 34%, 86%
XYZ	49.4953, 61.6543, 75.6250
YIQ	196.4610, -44.3790, -16.2110

Conversions

Conversions Part 2

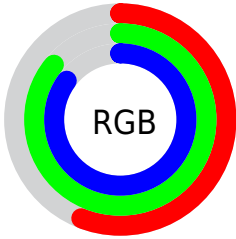
Format	Color
RYB	144, 182, 219
Decimal	9493466
CIELab	82.73, -23.29, -6.90
CIElCh	83, 24.292, 196.492
Yxy	61.6543, 0.2650, 0.3301
Android (android.graphics.Color)	4287683546 (0xFF90DBDA)
YUV	196.4610, 10.6187, -46.0083
Hunter-Lab	78.5203, -24.8929, -2.1397

Details

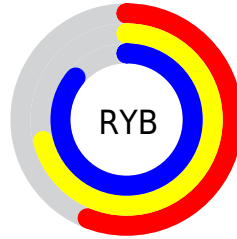
The Yxy color **61.6543, 0.2650, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.0681, 0.3921, 0.3280**, and the grayscale version is **55.4564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **31.3191, 0.2533, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **59.8563, 0.2540, 0.3305**, and if you desaturate by 10%, it is **63.8397, 0.2776, 0.3297**.

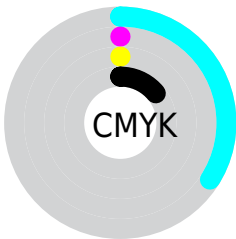
Distribution



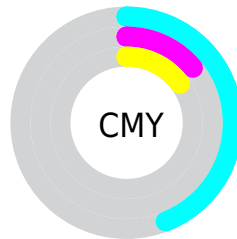
- Red (56%)
- Green (86%)
- Blue (85%)



- Red (56%)
- Yellow (71%)
- Blue (86%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)




- Cyan (44%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6543, 0.2650, 0.3301 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 61.6543, 0.2650, 0.3301 by changing the saturation by 10% instead.


 61.6543, 0.2650,
0.3301


 61.6543, 0.2650,
0.3301


430.6690, 0.2874,
0.3300

 44.7534, 0.2598,
0.3300

 107.2257, 0.2729,
0.3301

 31.2633, 0.2533,
0.3299


 136.6651, 0.2759,
0.3301

 20.7994, 0.2451,
0.3296


171.0527, 0.2785,
0.3301

 12.9774, 0.2342,
0.3291

210.7731, 0.2808,
0.3301

 7.4130, 0.2192,
0.3281

256.2104, 0.2827,
0.3300

 3.7217, 0.1974,
0.3260

307.7493, 0.2845,

 1.5191, 0.1628,

0.3300

365.7740, 0.2860,
0.3300

0.3208

0.3021, 0.0000,
0.2714

0.0000, 0.0000,
0.0000

61.6543, 0.2650,
0.3301

61.6543, 0.2650,
0.3301

59.8563, 0.2540,
0.3305

63.8397, 0.2776,
0.3297

58.4163, 0.2447,
0.3309

66.4256, 0.2914,
0.3294

57.3121, 0.2373,
0.3313

69.4334, 0.3062,
0.3291

56.5162, 0.2318,
0.3317

72.8809, 0.3217,
0.3289

■ 55.9969, 0.2282,
0.3321

■ 76.7849, 0.3376,
0.3286

■ 55.7153, 0.2263,
0.3325

■ 77.0737, 0.3385,
0.3283

■ 55.6236, 0.2258,
0.3328

■ 77.0890, 0.3383,
0.3280

■ 77.1043, 0.3381,
0.3277

■ 77.1196, 0.3379,
0.3275

Harmonies

Analogous

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



61.6543, 0.2876, 0.3591



61.6543, 0.2650, 0.3301



61.6543, 0.2549, 0.3025

Triad

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



61.6543, 0.2650, 0.3301



61.6543, 0.3053, 0.2844



61.6543, 0.3684, 0.3725

Complementary

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



61.6543, 0.2650, 0.3301



37.0681, 0.3921, 0.3280

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.



61.6543, 0.3742, 0.3507



61.6543, 0.2650, 0.3301



61.6543, 0.3367, 0.3013

Square

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



61.6543, 0.2650, 0.3301



61.6543, 0.2773, 0.2780



61.6543, 0.3624, 0.3250



61.6543, 0.3474, 0.3838

Rectangle

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



61.6543, 0.2650, 0.3301



61.6543, 0.2562, 0.2889



61.6543, 0.3624, 0.3250



61.6543, 0.3722, 0.3661

Sweetspot

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



61.6568, 0.2650, 0.3301



95.4588, 0.2975, 0.3293



58.7229, 0.3088, 0.4307



20.3062, 0.2954, 0.3293



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.



61.6568, 0.2650, 0.3301



85.1784, 0.2570, 0.3304



44.8222, 0.2582, 0.2810



14.8265, 0.2984, 0.3293



32.9854, 0.2258, 0.3327



2.1379, 0.2256, 0.3320

Inverse Universe

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



37.0681, 0.3921, 0.3280



45.4780, 0.4172, 0.3279



49.8285, 0.3783, 0.3724



13.0543, 0.3290, 0.3287



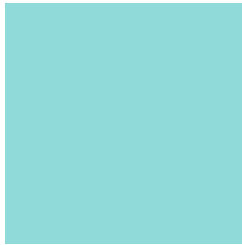
8.9349, 0.6386, 0.3291



0.5798, 0.6340, 0.3266

Previews

White Background



This preview shows how the Yxy color 61.6543, 0.2650, 0.3301 looks on a white background.

Color Contrast Check

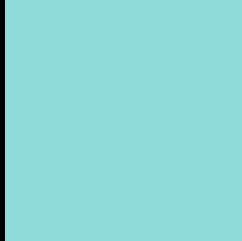
Large Text (above 18pt) WCAG AA × Fail

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 61.6543, 0.2650, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

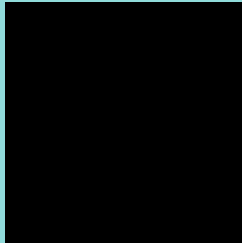
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6543, 0.2650, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 61.6543, 0.2650, 0.3301.

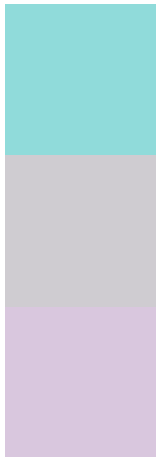


This preview shows how white text looks on a background with the Yxy color 61.6543, 0.2650, 0.3301.

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

61.6543, 0.2650, 0.3301

Protanopia

61.0546, 0.3115, 0.3232

Deuteranopia

60.8725, 0.3101, 0.3033



Tritanopia

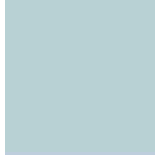
61.8621, 0.2584, 0.3081

Trichromacy



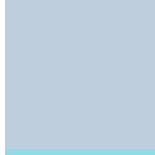
Original Color

61.6543, 0.2650, 0.3301



Protanomaly

60.5447, 0.2926, 0.3253



Deuteranomaly

60.3102, 0.2909, 0.3113



Tritanomaly

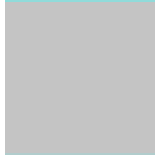
61.9473, 0.2611, 0.3165

Monochromacy



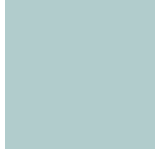
Original Color

61.6543, 0.2650, 0.3301



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

56.8925, 0.2927, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6543, 0.2650, 0.3301 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(144, 219, 218)` looks like.

```
.text, #text, p{  
    color:rgb(144, 219, 218)  
}
```

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(144, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 219, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.6543, 0.2650, 0.3301 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(144, 219, 218) }
```

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

```
.border{ border-color:rgb(144, 219, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 219, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(144, 219,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6543, 0.2650, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 219, 218) }
```

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

```
.background{ background-color: rgb(144,  
219, 218) }
```

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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