

Converting Colors

$Yxy(61.1394, 0.2597, 0.3334)$

Have a look what the booklet for
Yxy(61.1394, 0.2597, 0.3334)
contains.

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Color

Yxy(61.1017, 0.2594, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	84DCD9
RGB	132, 220, 217
RGB Percent	52%, 86%, 85%
CMY	0.4820, 0.1373, 0.1491
CMYK	0.40, 0.00, 0.01, 0.14
HSL	178°, 56%, 69%
HSV	178°, 40%, 86%
XYZ	47.6399, 61.1017, 74.9125
YIQ	193.3460, -51.4850, -19.5890

Conversions

Conversions Part 2

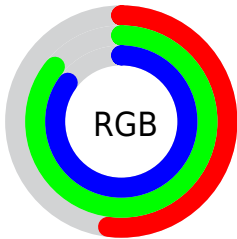
Format	Color
RYB	132, 177, 220
Decimal	8707289
CIELab	82.43, -27.11, -6.85
CIELCh	82, 27.960, 194.178
Yxy	61.1017, 0.2594, 0.3327
Android (android.graphics.Color)	4286897369 (0xFF84DCD9)
YUV	193.3460, 11.6614, -53.8004
Hunter-Lab	78.1676, -28.0050, -2.1037

Details

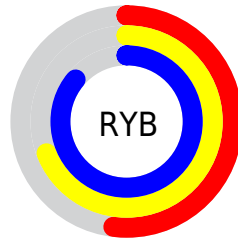
The Yxy color **61.1017, 0.2594, 0.3327** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.4914, 0.4099, 0.3256**, and the grayscale version is **53.5062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5588, 0.2747, 0.3289**, and **31.0148, 0.2464, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **59.4731, 0.2495, 0.3338**, and if you desaturate by 10%, it is **63.1093, 0.2709, 0.3317**.

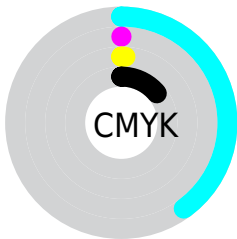
Distribution



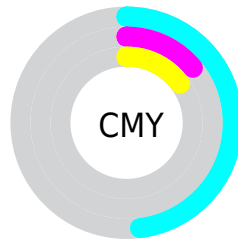
- Red (52%)
- Green (86%)
- Blue (85%)



- Red (52%)
- Yellow (69%)
- Blue (86%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)





- Cyan (48%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1017, 0.2594, 0.3327 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 61.1017, 0.2594, 0.3327 by changing the saturation by 10% instead.


 61.1017, 0.2594,
0.3327

 61.1017, 0.2594,
0.3327


428.6468, 0.2845,
0.3314


 44.3072, 0.2536,
0.3329


 106.4262, 0.2682,
0.3323

 30.9121, 0.2464,
0.3331


 135.7250, 0.2716,
0.3322

 20.5319, 0.2371,
0.3332


 169.9607, 0.2745,
0.3320

 12.7823, 0.2250,
0.3331

209.5177, 0.2770,
0.3319

 7.2788, 0.2084,
0.3327

254.7805, 0.2792,
0.3317

 3.6371, 0.1842,
0.3313

306.1333, 0.2812,

 1.4727, 0.1439,

0.3316

363.9606, 0.2829,
0.3315

0.3278

0.2694, 0.0000,
0.2587

0.0000, 0.0000,
0.0000

61.1017, 0.2594,
0.3327

61.1017, 0.2594,
0.3327

59.4731, 0.2495,
0.3338

63.1093, 0.2709,
0.3317

58.1926, 0.2414,
0.3349


65.5104, 0.2839,
0.3307

57.2361, 0.2353,
0.3360


68.3272, 0.2979,
0.3298

56.5737, 0.2310,
0.3371


71.5785, 0.3128,
0.3290

 56.1694, 0.2286,
0.3383

 75.2818, 0.3281,
0.3283

 55.9601, 0.2276,
0.3394

 77.6909, 0.3371,
0.3276

 55.9594, 0.2276,
0.3394

 77.7314, 0.3366,
0.3268

 77.7720, 0.3360,
0.3260

 77.8128, 0.3355,
0.3253

Harmonies

Analogous

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



61.1017, 0.2861, 0.3664



61.1017, 0.2594, 0.3327



61.1017, 0.2468, 0.3003

Triad

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



61.1017, 0.2594, 0.3327



61.1017, 0.3013, 0.2770



61.1017, 0.3781, 0.3772

Complementary

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



61.1017, 0.2594, 0.3327



33.4914, 0.4099, 0.3256

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.



61.1017, 0.3835, 0.3513



61.1017, 0.2594, 0.3327



61.1017, 0.3376, 0.2954

Square

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



61.1017, 0.2594, 0.3327



61.1017, 0.2698, 0.2706



61.1017, 0.3684, 0.3219



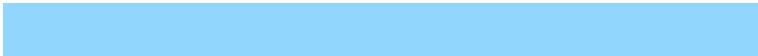
61.1017, 0.3548, 0.3920

Rectangle

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



61.1017, 0.2594, 0.3327



61.1017, 0.2475, 0.2841



61.1017, 0.3684, 0.3219



61.1017, 0.3822, 0.3694

Sweetspot

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



61.1041, 0.2594, 0.3327



94.5838, 0.2948, 0.3300



58.1258, 0.3098, 0.4503



20.1302, 0.2930, 0.3301



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.



61.1041, 0.2594, 0.3327



83.4265, 0.2509, 0.3336



42.8969, 0.2496, 0.2755



14.8215, 0.2987, 0.3298



32.8475, 0.2276, 0.3392



2.1305, 0.2271, 0.3374

Inverse Universe

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



33.4914, 0.4099, 0.3256



39.7261, 0.4425, 0.3251



46.2519, 0.3937, 0.3765



13.0587, 0.3286, 0.3282



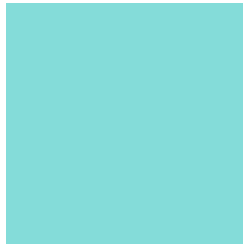
8.9429, 0.6362, 0.3278



0.5820, 0.6245, 0.3214

Previews

White Background



This preview shows how the Yxy color 61.1017, 0.2594, 0.3327 looks on a white background.

Color Contrast Check

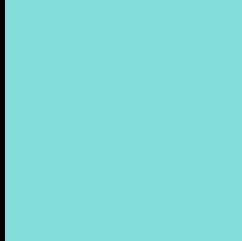
Large Text (above 18pt) WCAG AA × Fail

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 61.1017, 0.2594, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

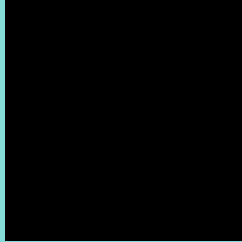
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

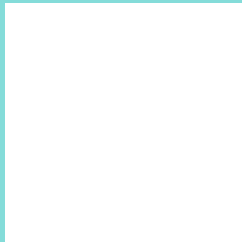
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1017, 0.2594, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 61.1017, 0.2594, 0.3327.

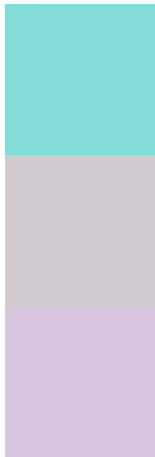


This preview shows how white text looks on a background with the Yxy color 61.1017, 0.2594, 0.3327.

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

61.1017, 0.2594, 0.3327

Protanopia

60.4823, 0.3129, 0.3244

Deuteranopia

60.2610, 0.3093, 0.3021



Tritanopia

60.9422, 0.2522, 0.3066

Trichromacy



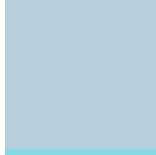
Original Color

61.1017, 0.2594, 0.3327



Protanomaly

60.0074, 0.2905, 0.3265



Deuteranomaly

59.6242, 0.2880, 0.3123



Tritanomaly

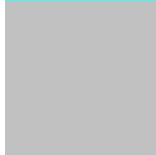
60.8951, 0.2549, 0.3163

Monochromacy



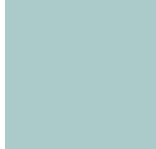
Original Color

61.1017, 0.2594, 0.3327



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.6341, 0.2897, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1017, 0.2594, 0.3327 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(132, 220, 217)` looks like.

```
.text, #text, p{  
    color:rgb(132, 220, 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(132, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 220, 217) }
```

Border

The CSS property to change the border of an element to Yxy 61.1017, 0.2594, 0.3327 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(132, 220, 217) }
```

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

```
.border{ border-color:rgb(132, 220, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 220, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 220, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 220, 217); box-shadow:4px 4px 4px 4px rgb(132, 220, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1017, 0.2594, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 220, 217) }
```

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

```
.background{ background-color: rgb(132,  
220, 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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