

Converting Colors

$Yxy(63.3238, 0.2709, 0.3327)$

Have a look what the booklet for
Yxy(63.3238, 0.2709, 0.3327)
contains.

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Color

Yxy(63.5927, 0.2714, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	9ADDD9
RGB	154, 221, 217
RGB Percent	60%, 87%, 85%
CMY	0.3962, 0.1333, 0.1489
CMYK	0.30, 0.00, 0.02, 0.13
HSL	176°, 50%, 74%
HSV	176°, 30%, 87%
XYZ	51.7048, 63.5927, 75.2139
YIQ	200.5110, -38.6480, -15.4480

Conversions

Conversions Part 2

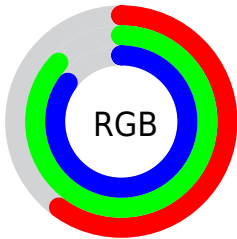
Format	Color
RYB	154, 189, 221
Decimal	10149337
CIELab	83.75, -21.81, -4.81
CIElCh	84, 22.331, 192.436
Yxy	63.5927, 0.2714, 0.3338
Android (android.graphics.Color)	4288339417 (0xFF9A9DD9)
YUV	200.5110, 8.1291, -40.7901
Hunter-Lab	79.7450, -23.8186, -0.0996

Details

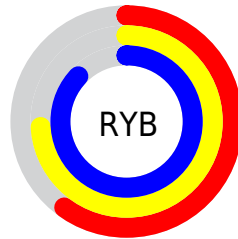
The Yxy color **63.5927, 0.2714, 0.3338** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9399, 0.3767, 0.3244**, and the grayscale version is **58.0550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **32.5904, 0.2616, 0.3355** is the 20% darker color. If you saturate the color by 10%, you get **61.5552, 0.2601, 0.3356**, and if you desaturate by 10%, it is **66.0350, 0.2840, 0.3321**.

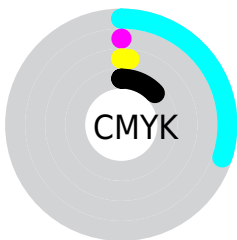
Distribution



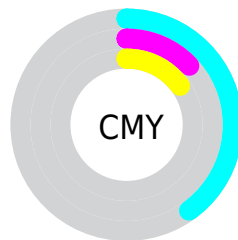
- Red (60%)
- Green (87%)
- Blue (85%)



- Red (60%)
- Yellow (74%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)





- Cyan (40%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5927, 0.2714, 0.3338 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 63.5927, 0.2714, 0.3338 by changing the saturation by 10% instead.


 63.5927, 0.2714,
0.3338


 63.5927, 0.2714,
0.3338


437.7173, 0.2908,
0.3318

 46.3209, 0.2669,
0.3342


 110.0241, 0.2782,
0.3331

 32.4991, 0.2613,
0.3347


 139.9526, 0.2808,
0.3329

 21.7430, 0.2542,
0.3352


174.8686, 0.2831,
0.3326

 13.6682, 0.2448,
0.3359

215.1567, 0.2850,
0.3324

 7.8902, 0.2319,
0.3365

261.2012, 0.2867,
0.3322

 4.0248, 0.2130,
0.3371

313.3866, 0.2882,

 1.6874, 0.1831,

0.3321

372.0971, 0.2896,
0.3319

0.3369

0.4155, 0.0000,
0.3451

0.0000, 0.0000,
0.0000

63.5927, 0.2714,
0.3338

63.5927, 0.2714,
0.3338

61.5552, 0.2601,
0.3356

66.0350, 0.2840,
0.3321

59.8930, 0.2505,
0.3375

68.8948, 0.2977,
0.3305

58.5845, 0.2426,
0.3395

72.1934, 0.3122,
0.3290

57.6029, 0.2367,
0.3415

75.9487, 0.3272,
0.3277

■ 56.9176, 0.2327,
0.3435

■ 78.3369, 0.3355,
0.3265

■ 56.4921, 0.2306,
0.3454

■ 78.4082, 0.3346,
0.3252

■ 56.2661, 0.2298,
0.3473

■ 78.4800, 0.3337,
0.3239

■ 78.5524, 0.3328,
0.3226

■ 78.6253, 0.3318,
0.3213

Harmonies

Analogous

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



63.5927, 0.2934, 0.3595



63.5927, 0.2714, 0.3338



63.5927, 0.2604, 0.3081

Triad

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



63.5927, 0.2714, 0.3338



63.5927, 0.3023, 0.2868



63.5927, 0.3650, 0.3665

Complementary

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



63.5927, 0.2714, 0.3338



40.9399, 0.3767, 0.3244

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.



63.5927, 0.3680, 0.3459



63.5927, 0.2714, 0.3338



63.5927, 0.3309, 0.3011

Square

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



63.5927, 0.2714, 0.3338



63.5927, 0.2776, 0.2824



63.5927, 0.3554, 0.3223



63.5927, 0.3476, 0.3782

Rectangle

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



63.5927, 0.2714, 0.3338



63.5927, 0.2604, 0.2947



63.5927, 0.3554, 0.3223



63.5927, 0.3678, 0.3603

Sweetspot

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



63.5953, 0.2714, 0.3338



95.8167, 0.2995, 0.3303



61.3626, 0.3116, 0.4168



20.3742, 0.2974, 0.3305



0.0000, 0.0000, 0.0000



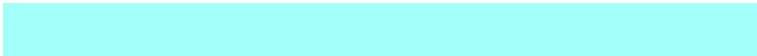
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.5953, 0.2714, 0.3338



86.2017, 0.2645, 0.3349



49.7676, 0.2650, 0.2917



14.8155, 0.2990, 0.3304



32.6890, 0.2297, 0.3470



2.1219, 0.2288, 0.3438

Inverse Universe

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



40.9399, 0.3767, 0.3244



50.3769, 0.3949, 0.3235



51.5795, 0.3706, 0.3635



13.0640, 0.3282, 0.3277



8.9525, 0.6334, 0.3263



0.5845, 0.6138, 0.3155

Previews

White Background



This preview shows how the Yxy color 63.5927, 0.2714, 0.3338 looks on a white background.

Color Contrast Check

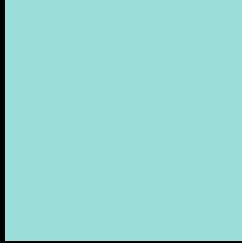
Large Text (above 18pt) WCAG AA × Fail

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 63.5927, 0.2714, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

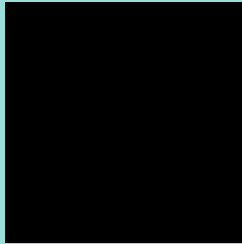
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

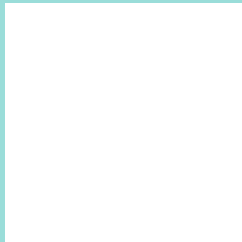
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5927, 0.2714, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 63.5927, 0.2714, 0.3338.



This preview shows how white text looks on a background with the Yxy color 63.5927, 0.2714, 0.3338.

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

63.5927, 0.2714, 0.3338

Protanopia

63.0780, 0.3143, 0.3267

Deuteranopia

62.9911, 0.3145, 0.3081



Tritanopia

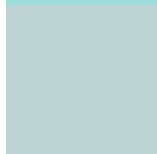
63.4680, 0.2630, 0.3073

Trichromacy



Original Color

63.5927, 0.2714, 0.3338



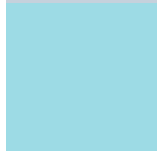
Protanomaly

62.7876, 0.2969, 0.3290



Deuteranomaly

62.6386, 0.2966, 0.3162



Tritanomaly

63.4883, 0.2663, 0.3167

Monochromacy



Original Color

63.5927, 0.2714, 0.3338



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

59.8071, 0.2958, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5927, 0.2714, 0.3338 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(154, 221, 217)` looks like.

```
.text, #text, p{  
    color:rgb(154, 221, 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(154, 221, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 221, 217) }
```

Border

The CSS property to change the border of an element to Yxy 63.5927, 0.2714, 0.3338 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(154, 221, 217) }
```

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

```
.border{ border-color:rgb(154, 221, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 221, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 221, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 221, 217);  
box-shadow:4px 4px 4px 4px rgb(154, 221,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5927, 0.2714, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 221, 217) }
```

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

```
.background{ background-color: rgb(154,  
221, 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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