

Converting Colors

$Yxy(66.6551, 0.2537, 0.3161)$

Have a look what the booklet for
Yxy(66.6551, 0.2537, 0.3161)
contains.

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Color

Yxy(66.6002, 0.2537, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	8BE3EE
RGB	139, 227, 238
RGB Percent	55%, 89%, 93%
CMY	0.4548, 0.1098, 0.0666
CMYK	0.42, 0.05, 0.00, 0.07
HSL	187°, 74%, 74%
HSV	187°, 42%, 93%
XYZ	53.5546, 66.6002, 90.9394
YIQ	201.9420, -55.9790, -15.2350

Conversions

Conversions Part 2

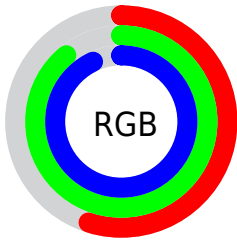
Format	Color
R _Y B	139, 186, 238
Decimal	9167854
CIE _{Lab}	85.30, -23.67, -13.69
CIE _{LCh}	85, 27.345, 210.042
Yxy	66.6002, 0.2537, 0.3155
Android (android.graphics.Color)	4287357934 (0xFF8BE3EE)
YUV	201.9420, 17.7766, -55.2001
Hunter-Lab	81.6089, -25.6778, -8.9424

Details

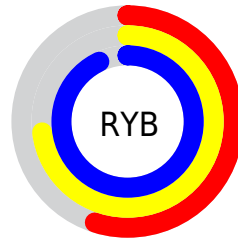
The Yxy color **66.6002, 0.2537, 0.3155** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.8758, 0.4149, 0.3417**, and the grayscale version is **58.9434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **34.2525, 0.2397, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **63.3324, 0.2426, 0.3117**, and if you desaturate by 10%, it is **70.3415, 0.2663, 0.3191**.

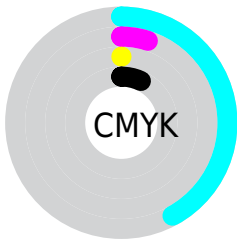
Distribution



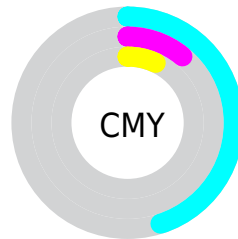
- Red (55%)
- Green (89%)
- Blue (93%)



- Red (55%)
- Yellow (73%)
- Blue (93%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6002, 0.2537, 0.3155 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 66.6002, 0.2537, 0.3155 by changing the saturation by 10% instead.

 66.6002, 0.2537,
0.3155


 66.6002, 0.2537,
0.3155


448.5203, 0.2809,
0.3225

 48.7598, 0.2476,
0.3137


 114.3474, 0.2631,
0.3181

 34.4290, 0.2400,
0.3115


 145.0229, 0.2667,
0.3190

 23.2233, 0.2305,
0.3085


180.7456, 0.2699,
0.3198

 14.7585, 0.2182,
0.3043

221.8998, 0.2726,
0.3205

 8.6501, 0.2018,
0.2982

268.8700, 0.2751,
0.3211

 4.5137, 0.1788,
0.2886

322.0406, 0.2772,

 1.9648, 0.1449,

0.3216

0.2719

381.7959, 0.2791,
0.3221

0.5869, 0.0000,
0.2518

0.0000, 0.0000,
0.0000

66.6002, 0.2537,
0.3155

66.6002, 0.2537,
0.3155

63.3324, 0.2426,
0.3117

70.3415, 0.2663,
0.3191

60.5011, 0.2332,
0.3079

74.5753, 0.2801,
0.3225

58.0760, 0.2258,
0.3040

79.3288, 0.2949,
0.3257

56.0194, 0.2203,
0.3001

84.6249, 0.3102,
0.3286

■ 54.2861, 0.2166,
0.2962

■ 89.9043, 0.3239,
0.3312

■ 53.0183, 0.2147,
0.2930

■ 91.4789, 0.3236,
0.3338

■ 93.0764, 0.3234,
0.3363

■ 94.6970, 0.3232,
0.3389

■ 96.3406, 0.3230,
0.3414

Harmonies

Analogous

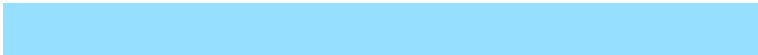
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.6002, 0.2726, 0.3482



66.6002, 0.2537, 0.3155



66.6002, 0.2498, 0.2891

Triad

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



66.6002, 0.2537, 0.3155



66.6002, 0.3202, 0.2875



66.6002, 0.3650, 0.3841

Complementary

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



66.6002, 0.2537, 0.3155



41.8758, 0.4149, 0.3417

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.



66.6002, 0.3797, 0.3642



66.6002, 0.2537, 0.3155



66.6002, 0.3532, 0.3097

Square

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



66.6002, 0.2537, 0.3155



66.6002, 0.2867, 0.2750



66.6002, 0.3755, 0.3372



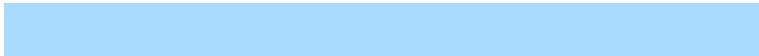
66.6002, 0.3365, 0.3895

Rectangle

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



66.6002, 0.2537, 0.3155



66.6002, 0.2560, 0.2782



66.6002, 0.3755, 0.3372



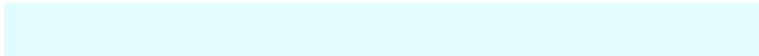
66.6002, 0.3718, 0.3787

Sweetspot

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



66.6028, 0.2537, 0.3155



92.4959, 0.2942, 0.3255



68.8223, 0.3016, 0.4449



19.6351, 0.2922, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

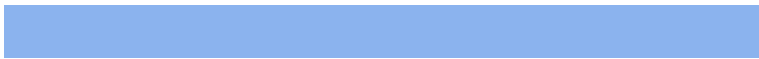
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6028, 0.2537, 0.3155



74.5620, 0.2441, 0.3123



43.7560, 0.2435, 0.2529



17.6106, 0.2981, 0.3263



29.6917, 0.2149, 0.2936



2.5550, 0.2163, 0.2986

Inverse Universe

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



42.2001, 0.3273, 0.2367



42.9071, 0.3310, 0.2194



60.6291, 0.3915, 0.3942



15.9993, 0.3155, 0.3083



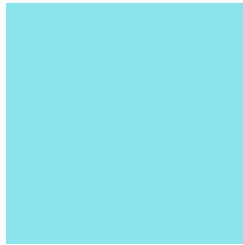
12.7907, 0.3511, 0.1708



1.0726, 0.3466, 0.1683

Previews

White Background



This preview shows how the Yxy color 66.6002, 0.2537, 0.3155 looks on a white background.

Color Contrast Check

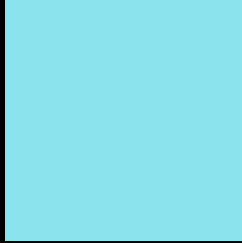
Large Text (above 18pt) WCAG AA × Fail

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 66.6002, 0.2537, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

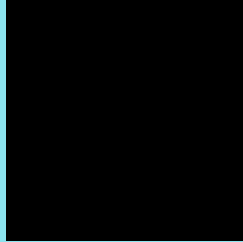
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6002, 0.2537, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 66.6002, 0.2537, 0.3155.

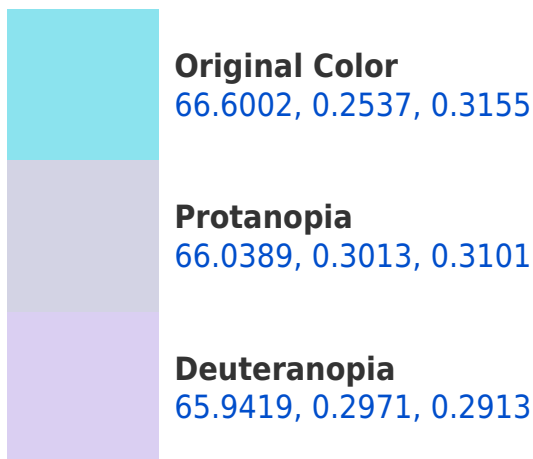


This preview shows how white text looks on a background with the Yxy color 66.6002, 0.2537, 0.3155.

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

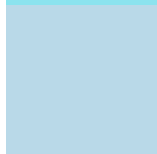
66.5871, 0.2516, 0.3073

Trichromacy



Original Color

66.6002, 0.2537, 0.3155



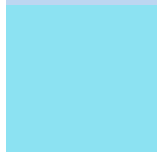
Protanomaly

65.7662, 0.2814, 0.3116



Deuteranomaly

65.2628, 0.2784, 0.2983



Tritanomaly

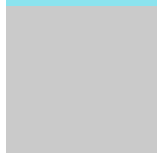
66.3790, 0.2521, 0.3096

Monochromacy



Original Color

66.6002, 0.2537, 0.3155



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

61.0785, 0.2873, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6002, 0.2537, 0.3155 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(139, 227, 238)` looks like.

```
.text, #text, p{  
    color:rgb(139, 227, 238)  
}
```

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(139, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 227, 238) }
```

Border

The CSS property to change the border of an element to Yxy 66.6002, 0.2537, 0.3155 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(139, 227, 238) }
```

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

```
.border{ border-color:rgb(139, 227, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 227, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 227, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 227, 238); box-shadow:4px 4px 4px 4px rgb(139, 227, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6002, 0.2537, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 227, 238) }
```

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

```
.background{ background-color: rgb(139,  
227, 238) }
```

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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