

Converting Colors

Yxy(66.1662, 0.2718, 0.3289)

Have a look what the booklet for
Yxy(66.1662, 0.2718, 0.3289)
contains.

Yxy(66.2702, 0.2720, 0.3289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.2702, 0.2720, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A1E0E0
RGB	161, 224, 224
RGB Percent	63%, 88%, 88%
CMY	0.3687, 0.1215, 0.1216
CMYK	0.28, 0.00, 0.00, 0.12
HSL	180°, 50%, 75%
HSV	180°, 28%, 88%
XYZ	54.8054, 66.2702, 80.4148
YIQ	205.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

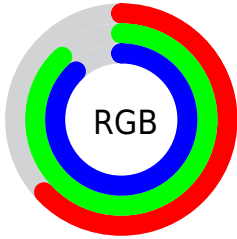
Format	Color
RYB	161, 193, 224
Decimal	10608864
CIELab	85.13, -19.76, -6.41
CIElCh	85, 20.773, 197.982
Yxy	66.2702, 0.2720, 0.3289
Android (android.graphics.Color)	4288798944 (0xFFA1E0E0)
YUV	205.1630, 9.2866, -38.7310
Hunter-Lab	81.4065, -22.2896, -1.5832

Details

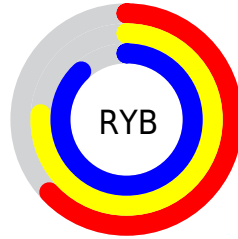
The Yxy color **66.2702, 0.2720, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9097, 0.3742, 0.3292**, and the grayscale version is **61.1173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **34.3663, 0.2623, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **64.1501, 0.2599, 0.3289**, and if you desaturate by 10%, it is **68.8125, 0.2855, 0.3289**.

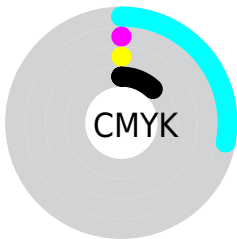
Distribution



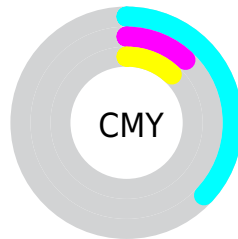
- Red (63%)
- Green (88%)
- Blue (88%)



- Red (63%)
- Yellow (76%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)




- Cyan (37%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2702, 0.2720, 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 66.2702, 0.2720, 0.3289 by changing the saturation by 10% instead.


 66.2702, 0.2720,
0.3289


 66.2702, 0.2720,
0.3289


447.3426, 0.2909,
0.3292

 48.4918, 0.2677,
0.3288


 113.8741, 0.2786,
0.3291

 34.2165, 0.2623,
0.3285


 144.4683, 0.2812,
0.3291

 23.0600, 0.2554,
0.3282

180.1032, 0.2834,
0.3292

 14.6378, 0.2465,
0.3276

221.1633, 0.2853,
0.3292

 8.5656, 0.2342,
0.3267

268.0329, 0.2869,
0.3292

 4.4589, 0.2166,
0.3248

321.0963, 0.2884,

 1.9335, 0.1891,

0.3292

380.7381, 0.2898,
0.3292

0.3208

0.5684, 0.0341,
0.3349

0.0000, 0.0000,
0.0000

66.2702, 0.2720,
0.3289

66.2702, 0.2720,
0.3289

64.1501, 0.2599,
0.3289

68.8125, 0.2855,
0.3289

62.4219, 0.2494,
0.3289

71.7897, 0.3002,
0.3290

61.0641, 0.2407,
0.3288

75.2236, 0.3157,
0.3290

60.0494, 0.2340,
0.3288


79.1323, 0.3316,
0.3290

 59.3474, 0.2292,
0.3288


 79.9582, 0.3348,
0.3291


 58.9218, 0.2263,
0.3288


 79.9586, 0.3348,
0.3290

 58.7210, 0.2249,
0.3288

 79.9589, 0.3348,
0.3290

 58.6939, 0.2247,
0.3288

 79.9593, 0.3348,
0.3290

 79.9597, 0.3348,
0.3290

Harmonies

Analogous

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



66.2702, 0.2907, 0.3529



66.2702, 0.2720, 0.3289



66.2702, 0.2640, 0.3061

Triad

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



66.2702, 0.2720, 0.3289



66.2702, 0.3080, 0.2919



66.2702, 0.3586, 0.3663

Complementary

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



66.2702, 0.2720, 0.3289



43.9097, 0.3742, 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.



66.2702, 0.3640, 0.3486



66.2702, 0.2720, 0.3289



66.2702, 0.3341, 0.3066

Square

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



66.2702, 0.2720, 0.3289



66.2702, 0.2841, 0.2861



66.2702, 0.3549, 0.3269



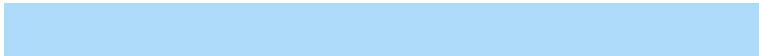
66.2702, 0.3407, 0.3748

Rectangle

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



66.2702, 0.2720, 0.3289



66.2702, 0.2655, 0.2949



66.2702, 0.3549, 0.3269



66.2702, 0.3620, 0.3612

Sweetspot

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



66.2729, 0.2720, 0.3289



96.3338, 0.3003, 0.3290



63.5742, 0.3096, 0.4101



20.4814, 0.2980, 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.



66.2729, 0.2720, 0.3289



87.0962, 0.2644, 0.3289



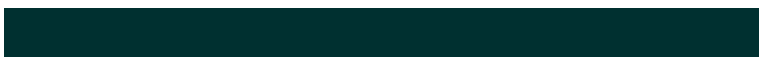
51.3425, 0.2680, 0.2907



15.5723, 0.2982, 0.3290



34.1616, 0.2247, 0.3288



2.3679, 0.2247, 0.3288

Inverse Universe

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



43.9097, 0.3742, 0.3292



52.2155, 0.3934, 0.3292



55.8798, 0.3646, 0.3644



13.7006, 0.3292, 0.3290



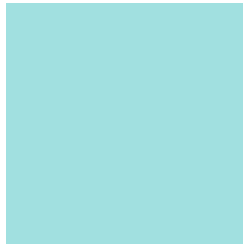
9.2244, 0.6400, 0.3300



0.6394, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 66.2702, 0.2720, 0.3289 looks on a white background.

Color Contrast Check

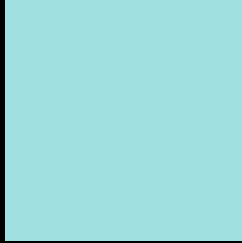
Large Text (above 18pt) WCAG AA × Fail

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 66.2702, 0.2720, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

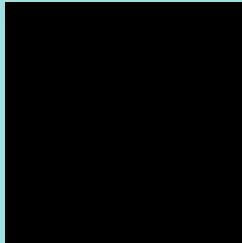
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.2702, 0.2720, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 66.2702, 0.2720, 0.3289.

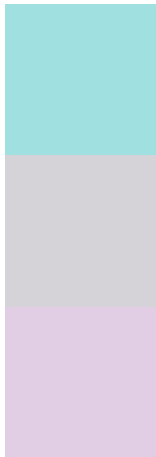


This preview shows how white text looks on a background with the Yxy color 66.2702, 0.2720, 0.3289.

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



Original Color

66.2702, 0.2720, 0.3289

Protanopia

65.8425, 0.3115, 0.3234

Deuteranopia

65.7516, 0.3116, 0.3052



Tritanopia

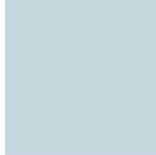
66.3671, 0.2654, 0.3089

Trichromacy



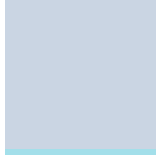
Original Color

66.2702, 0.2720, 0.3289



Protanomaly

65.8283, 0.2959, 0.3255



Deuteranomaly

65.6911, 0.2956, 0.3131



Tritanomaly

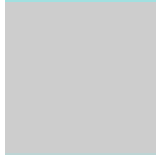
66.5024, 0.2676, 0.3158

Monochromacy



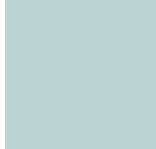
Original Color

66.2702, 0.2720, 0.3289



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

62.6592, 0.2962, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2702, 0.2720, 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(161, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(161, 224, 224)  
}
```

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(161, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 224, 224) }
```

Border

The CSS property to change the border of an element to Yxy 66.2702, 0.2720, 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(161, 224, 224) }
```

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

```
.border{ border-color:rgb(161, 224, 224) }
```

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

Here you see how a box with a 4 pixel rgb(161, 224, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(161, 224,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2702, 0.2720, 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(161, 224, 224) }
```

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

```
.background{ background-color: rgb(161,  
224, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor