

Converting Colors

$Yxy(76.2483, 0.2666, 0.3289)$

Have a look what the booklet for
Yxy(76.2483, 0.2666, 0.3289)
contains.

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Color

Yxy(76.2928, 0.2663, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A2F0F0
RGB	162, 240, 240
RGB Percent	64%, 94%, 94%
CMY	0.3651, 0.0587, 0.0589
CMYK	0.33, 0.00, 0.00, 0.06
HSL	180°, 72%, 79%
HSV	180°, 33%, 94%
XYZ	61.7719, 76.2928, 93.8988
YIQ	216.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

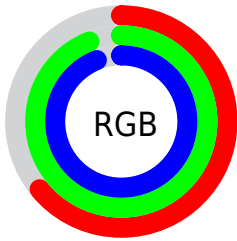
Format	Color
RYB	162, 201, 240
Decimal	10678512
CIELab	90.00, -23.78, -7.62
CIELCh	90, 24.967, 197.768
Yxy	76.2928, 0.2663, 0.3289
Android (android.graphics.Color)	4288868592 (0xFFA2F0F0)
YUV	216.6780, 11.4977, -47.9526
Hunter-Lab	87.3457, -26.6179, -2.5962

Details

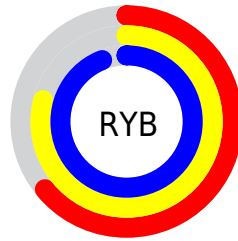
The Yxy color **76.2928, 0.2663, 0.3289** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.9421, 0.3882, 0.3292**, and the grayscale version is **69.0873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **40.8058, 0.2557, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **74.0188, 0.2548, 0.3289**, and if you desaturate by 10%, it is **79.0525, 0.2793, 0.3289**.

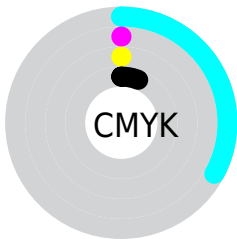
Distribution



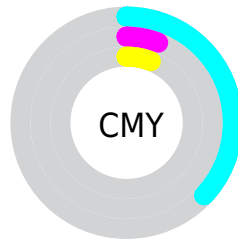
- Red (64%)
- Green (94%)
- Blue (94%)



- Red (64%)
- Yellow (79%)
- Blue (94%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)





- Cyan (37%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2928, 0.2663, 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 76.2928, 0.2663, 0.3289 by changing the saturation by 10% instead.

 76.2928, 0.2663,
0.3289


 76.2928, 0.2663,
0.3289


482.3494, 0.2873,
0.3293

 56.6726, 0.2616,
0.3287


 128.1407, 0.2735,
0.3291

 40.7425, 0.2559,
0.3285


 161.1372, 0.2763,
0.3292

 28.1179, 0.2487,
0.3281


199.3614, 0.2788,
0.3292

 18.4146, 0.2395,
0.3274

243.1974, 0.2809,
0.3293

 11.2480, 0.2273,
0.3264

293.0299, 0.2828,
0.3293

 6.2339, 0.2102,
0.3245


349.2431, 0.2845,

 2.9878, 0.1851,


0.3293


412.2215, 0.2860,
0.3293


0.3207


 1.1254, 0.1324,
0.3162


 0.0000, 0.0000,
0.0000


 76.2928, 0.2663,
0.3289


 76.2928, 0.2663,
0.3289


 74.0188, 0.2548,
0.3289

 79.0525, 0.2793,
0.3289

 72.1940, 0.2452,
0.3289


 82.3139, 0.2935,
0.3290


 70.7912, 0.2374,
0.3289

 86.1037, 0.3087,
0.3290


 69.7767, 0.2315,
0.3289


 89.8871, 0.3226,
0.3290

 69.1115, 0.2276,
0.3289


 89.8878, 0.3226,
0.3290

 68.7485, 0.2255,
0.3289

 89.8884, 0.3226,
0.3290

 68.6205, 0.2247,
0.3289

 89.8890, 0.3226,
0.3290

 89.8896, 0.3226,
0.3290

 89.8903, 0.3226,
0.3290

Harmonies

Analogous

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



76.2928, 0.2876, 0.3567



76.2928, 0.2663, 0.3289



76.2928, 0.2572, 0.3027

Triad

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



76.2928, 0.2663, 0.3289



76.2928, 0.3070, 0.2867



76.2928, 0.3655, 0.3714

Complementary

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



76.2928, 0.2663, 0.3289



46.9421, 0.3882, 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.



76.2928, 0.3716, 0.3509



76.2928, 0.2663, 0.3289



76.2928, 0.3370, 0.3033

Square

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



76.2928, 0.2663, 0.3289



76.2928, 0.2798, 0.2801



76.2928, 0.3611, 0.3263



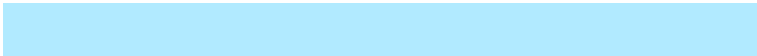
76.2928, 0.3449, 0.3816

Rectangle

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



76.2928, 0.2663, 0.3289



76.2928, 0.2588, 0.2899



76.2928, 0.3611, 0.3263



76.2928, 0.3693, 0.3654

Sweetspot

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



76.2958, 0.2663, 0.3289



95.4797, 0.2973, 0.3290



72.7473, 0.3090, 0.4255



20.3113, 0.2952, 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.



76.2958, 0.2663, 0.3289



85.7603, 0.2586, 0.3289



56.3294, 0.2606, 0.2835



17.9289, 0.2981, 0.3290



37.5556, 0.2247, 0.3289



3.1243, 0.2247, 0.3289

Inverse Universe

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



46.9421, 0.3882, 0.3292



47.2727, 0.4111, 0.3292



62.2863, 0.3748, 0.3704



15.7590, 0.3293, 0.3290



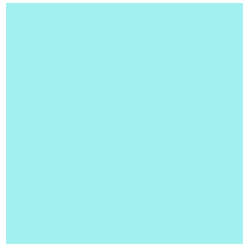
10.1412, 0.6400, 0.3299



0.8437, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 76.2928, 0.2663, 0.3289 looks on a white background.

Color Contrast Check

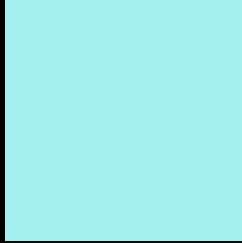
Large Text (above 18pt) WCAG AA × Fail

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 76.2928, 0.2663, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

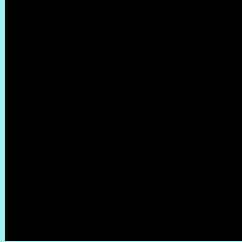
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2928, 0.2663, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 76.2928, 0.2663, 0.3289.

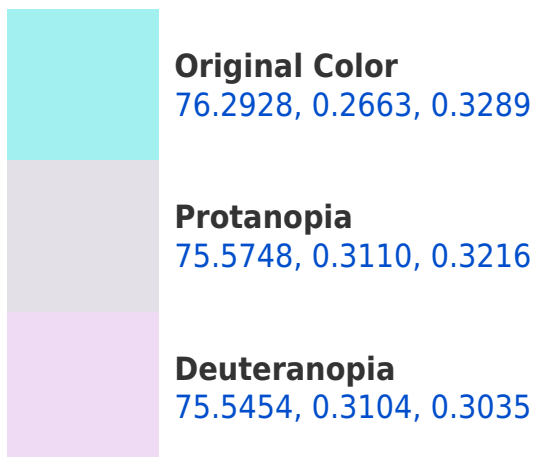


This preview shows how white text looks on a background with the Yxy color 76.2928, 0.2663, 0.3289.

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





Tritanopia

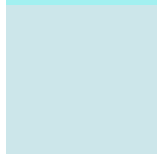
76.3344, 0.2626, 0.3088

Trichromacy



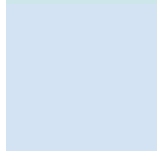
Original Color

76.2928, 0.2663, 0.3289



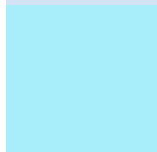
Protanomaly

75.3715, 0.2930, 0.3246



Deuteranomaly

75.2581, 0.2921, 0.3118



Tritanomaly

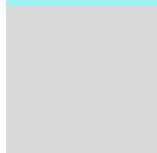
76.2667, 0.2637, 0.3154

Monochromacy



Original Color

76.2928, 0.2663, 0.3289



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.1570, 0.2937, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2928, 0.2663, 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(162, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(162, 240, 240)  
}
```

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(162, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 240, 240) }
```

Border

The CSS property to change the border of an element to Yxy 76.2928, 0.2663, 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(162, 240, 240) }
```

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

```
.border{ border-color:rgb(162, 240, 240) }
```

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

Here you see how a box with a 4 pixel rgb(162, 240, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(162, 240,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2928, 0.2663, 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(162, 240, 240) }
```

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

```
.background{ background-color: rgb(162,  
240, 240) }
```

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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