

Converting Colors

$Y_{xy}(74.7004, 0.2627, 0.4030)$

Have a look what the booklet for
Yxy(74.7004, 0.2627, 0.4030)
contains.

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Color

Yxy(74.7184, 0.2628, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	61FAC0
RGB	97, 250, 192
RGB Percent	38%, 98%, 75%
CMY	0.6191, 0.0196, 0.2471
CMYK	0.61, 0.00, 0.23, 0.02
HSL	157°, 94%, 68%
HSV	157°, 61%, 98%
XYZ	48.6401, 74.7184, 61.7255
YIQ	197.6410, -72.5700, -50.4740

Conversions

Conversions Part 2

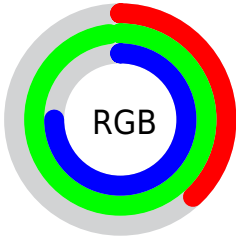
Format	Color
RYB	97, 191, 250
Decimal	6421184
CIELab	89.26, -53.78, 15.96
CIElCh	89, 56.095, 163.471
Yxy	74.7184, 0.2628, 0.4037
Android (android.graphics.Color)	4284611264 (0xFF61FAC0)
YUV	197.6410, -2.7810, -88.2622
Hunter-Lab	86.4398, -50.8269, 18.1697

Details

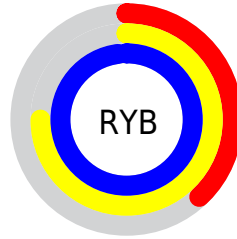
The Yxy color **74.7184, 0.2628, 0.4037** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **31.2686, 0.4302, 0.2710**, and the grayscale version is **56.3159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7709, 0.2637, 0.3366**, and **39.5343, 0.2509, 0.4232** is the 20% darker color. If you saturate the color by 10%, you get **73.1484, 0.2596, 0.4185**, and if you desaturate by 10%, it is **76.7541, 0.2679, 0.3893**.

Distribution



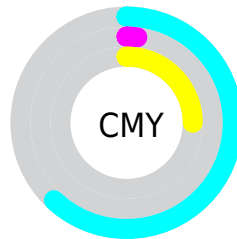
- Red (38%)
- Green (98%)
- Blue (75%)



- Red (38%)
- Yellow (75%)
- Blue (98%)



- Cyan (61%)
- Magenta (0%)
- Yellow (23%)
- Black (2%)




- Cyan (62%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7184, 0.2628, 0.4037 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 74.7184, 0.2628, 0.4037 by changing the saturation by 10% instead.


 74.7184, 0.2628,
0.4037


 74.7184, 0.2628,
0.4037


476.9491, 0.2866,
0.3675


 55.3822, 0.2572,
0.4124


 125.9137, 0.2712,
0.3908

 39.7078, 0.2503,
0.4233


 158.5415, 0.2744,
0.3859

 27.3108, 0.2414,
0.4374


 196.3688, 0.2771,
0.3817

 17.8068, 0.2295,
0.4564

239.7798, 0.2795,
0.3781

 10.8114, 0.2132,
0.4832

289.1589, 0.2816,
0.3750

 5.9401, 0.1892,
0.5237


344.8906, 0.2835,

 2.8087, 0.1503,


0.3722


0.5914


407.3592, 0.2851,
0.3697


 1.0327, 0.0000,
0.9994


 0.0000, 0.0000,
0.0000


 74.7184, 0.2628,
0.4037


 74.7184, 0.2628,
0.4037


 73.1484, 0.2596,
0.4185


 76.7541, 0.2679,
0.3893


 71.9926, 0.2583,
0.4335

 79.2839, 0.2747,
0.3755


 71.2027, 0.2592,
0.4482


 82.3441, 0.2827,
0.3626

 70.7381, 0.2614,
0.4609

 85.9650, 0.2918,
0.3507

 90.1746, 0.3015,
0.3398

 94.9990, 0.3115,
0.3301

 96.8467, 0.3129,
0.3242

Harmonies

Analogous

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



74.7184, 0.3255, 0.4472



74.7184, 0.2628, 0.4037



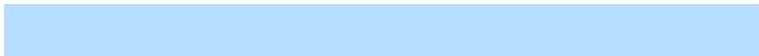
74.7184, 0.2166, 0.3346

Triad

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



74.7184, 0.2628, 0.4037



74.7184, 0.2336, 0.2257



74.7184, 0.4454, 0.3621

Complementary

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



74.7184, 0.2628, 0.4037



31.2686, 0.4302, 0.2710

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.



74.7184, 0.4167, 0.3119



74.7184, 0.2628, 0.4037



74.7184, 0.2882, 0.2374

Square

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



74.7184, 0.2628, 0.4037



74.7184, 0.2020, 0.2367



74.7184, 0.3564, 0.2679



74.7184, 0.4332, 0.4109

Rectangle

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



74.7184, 0.2628, 0.4037



74.7184, 0.1998, 0.2914



74.7184, 0.3564, 0.2679



74.7184, 0.4404, 0.3451

Sweetspot

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



74.7214, 0.2628, 0.4037



91.2386, 0.2947, 0.3472



76.2736, 0.3340, 0.5095



19.2673, 0.2920, 0.3505



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.



74.7214, 0.2628, 0.4037



76.2561, 0.2592, 0.4214



67.2538, 0.2333, 0.3070



19.4904, 0.3031, 0.3382



37.5531, 0.2607, 0.4586



3.4987, 0.2559, 0.4413

Inverse Universe

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



31.2686, 0.4302, 0.2710



27.3759, 0.4675, 0.2663



33.4432, 0.4947, 0.3468



17.3342, 0.3234, 0.3200



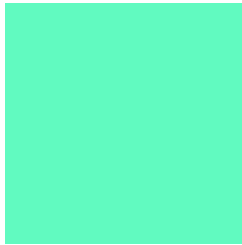
11.2431, 0.5465, 0.2784



1.0612, 0.5142, 0.2606

Previews

White Background



This preview shows how the Yxy color 74.7184, 0.2628, 0.4037 looks on a white background.

Color Contrast Check

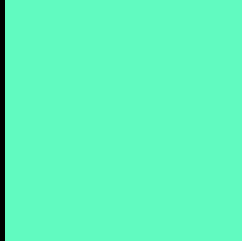
Large Text (above 18pt) WCAG AA × Fail

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 74.7184, 0.2628, 0.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

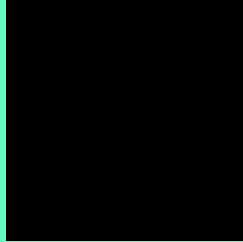
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7184, 0.2628, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 74.7184, 0.2628, 0.4037.



This preview shows how white text looks on a background with the Yxy color 74.7184, 0.2628, 0.4037.

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

74.7184, 0.2628, 0.4037

Protanopia

73.2898, 0.3531, 0.3765

Deuteranopia

72.9587, 0.3514, 0.3435



Tritanopia

74.2087, 0.2499, 0.3093

Trichromacy



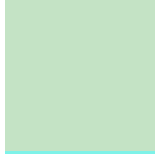
Original Color

74.7184, 0.2628, 0.4037



Protanomaly

71.5712, 0.3120, 0.3873



Deuteranomaly

70.7052, 0.3104, 0.3639



Tritanomaly

73.7661, 0.2538, 0.3409

Monochromacy



Original Color

74.7184, 0.2628, 0.4037



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

61.1883, 0.2875, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7184, 0.2628, 0.4037 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(97, 250, 192)` looks like.

```
.text, #text, p{  
    color:rgb(97, 250, 192)  
}
```

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(97, 250, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 250, 192) }
```

Border

The CSS property to change the border of an element to Yxy 74.7184, 0.2628, 0.4037 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(97, 250, 192) }
```

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

```
.border{ border-color:rgb(97, 250, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 250, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 250, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 250, 192);  
box-shadow:4px 4px 4px 4px rgb(97, 250,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7184, 0.2628, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 250, 192) }
```

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

```
.background{ background-color: rgb(97, 250,  
192) }
```

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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