

Converting Colors

$Yxy(60.8149, 0.2213, 0.2876)$

Have a look what the booklet for
Yxy(60.8149, 0.2213, 0.2876)
contains.

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Color

Yxy(60.8021, 0.2212, 0.2875)

Conversions

Conversions Part 1

Format	Color
Hex	47DEFF
RGB	71, 222, 255
RGB Percent	28%, 87%, 100%
CMY	0.7210, 0.1295, 0.0000
CMYK	0.72, 0.13, 0.00, 0.00
HSL	191°, 100%, 64%
HSV	191°, 72%, 100%
XYZ	46.7806, 60.8021, 103.9029
YIQ	180.6130, -100.5890, -21.7490

Conversions

Conversions Part 2

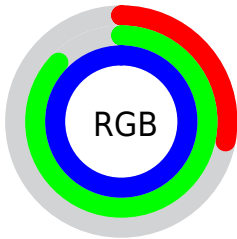
Format	Color
R_{YB}	71, 154, 255
Decimal	4710143
CIE _{Lab}	82.27, -28.82, -27.47
CIE _{LCh}	82, 39.810, 223.628
Yxy	60.8021, 0.2212, 0.2875
Android (android.graphics.Color)	4282900223 (0xFF47DEFF)
YUV	180.6130, 36.6728, -96.1306
Hunter-Lab	77.9757, -29.3685, -24.4211

Details

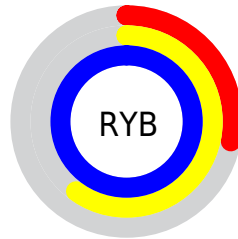
The Yxy color **60.8021, 0.2212, 0.2875** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **31.6480, 0.5344, 0.3572**, and the grayscale version is **45.8485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4908, 0.2528, 0.3288**, and **31.7147, 0.2106, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **57.6309, 0.2149, 0.2810**, and if you desaturate by 10%, it is **64.4442, 0.2295, 0.2941**.

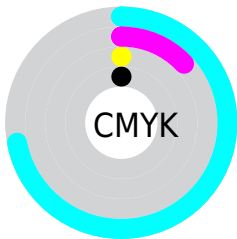
Distribution



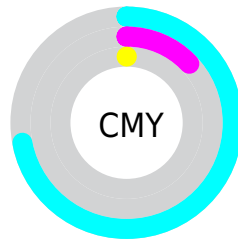
- Red (28%)
- Green (87%)
- Blue (100%)



- Red (28%)
- Yellow (60%)
- Blue (100%)



- Cyan (72%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)





- Cyan (72%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8021, 0.2212, 0.2875 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 60.8021, 0.2212, 0.2875 by changing the saturation by 10% instead.


 60.8021, 0.2212,
0.2875

 60.8021, 0.2212,
0.2875

427.5480, 0.2630,
0.3084


 44.0655, 0.2119,
0.2824


 105.9923, 0.2355,
0.2951


 30.7220, 0.2006,
0.2758


 135.2147, 0.2412,
0.2979

 20.3872, 0.1865,
0.2673


 169.3679, 0.2460,
0.3004

 12.6768, 0.1688,
0.2559

 208.8361, 0.2503,
0.3024

 7.2064, 0.1458,
0.2398

254.0038, 0.2541,
0.3042

 3.5915, 0.1155,
0.2161

305.2555, 0.2574,

 1.4478, 0.0729,

0.3058

0.1796

362.9754, 0.2604,
0.3072

■ 0.2516, 0.0000,
0.0827

■ 0.0000, 0.0000,
0.0000

■ 60.8021, 0.2212,
0.2875

■ 60.8021, 0.2212,
0.2875

■ 57.6309, 0.2149,
0.2810

■ 64.4442, 0.2295,
0.2941

■ 54.8751, 0.2105,
0.2744

■ 68.6020, 0.2397,
0.3005

■ 52.9277, 0.2082,
0.2694

■ 73.3152, 0.2515,
0.3067

■ 78.6193, 0.2647,
0.3127

84.5463, 0.2790,
0.3182

91.1259, 0.2940,
0.3234

98.3857, 0.3094,
0.3281

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



60.8021, 0.2383, 0.3341



60.8021, 0.2212, 0.2875



60.8021, 0.2260, 0.2577

Triad

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



60.8021, 0.2212, 0.2875



60.8021, 0.3468, 0.2816



60.8021, 0.3720, 0.4186

Complementary

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



60.8021, 0.2212, 0.2875



31.6480, 0.5344, 0.3572

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.



60.8021, 0.4057, 0.3946



60.8021, 0.2212, 0.2875



60.8021, 0.3918, 0.3171

Square

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



60.8021, 0.2212, 0.2875



60.8021, 0.2949, 0.2569



60.8021, 0.4138, 0.3573



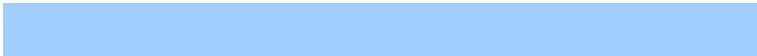
60.8021, 0.3239, 0.4167

Rectangle

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



60.8021, 0.2212, 0.2875



60.8021, 0.2409, 0.2490



60.8021, 0.4138, 0.3573



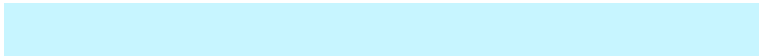
60.8021, 0.3855, 0.4129

Sweetspot

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



60.8023, 0.2212, 0.2875



84.6096, 0.2791, 0.3183



73.8200, 0.2928, 0.5303



17.7520, 0.2752, 0.3168



0.0000, 0.0000, 0.0000



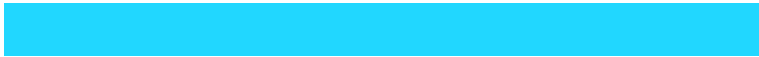
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8023, 0.2212, 0.2875



56.2329, 0.2125, 0.2778



25.1838, 0.1905, 0.1656



19.8940, 0.2980, 0.3246



27.8571, 0.2085, 0.2704



2.8506, 0.2105, 0.2778

Inverse Universe

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



31.0580, 0.3546, 0.1943



27.2711, 0.3650, 0.1841



60.1731, 0.4526, 0.4420



18.2411, 0.3166, 0.3097



13.5402, 0.3724, 0.1825



1.3323, 0.3655, 0.1787

Previews

White Background



This preview shows how the Yxy color 60.8021, 0.2212, 0.2875 looks on a white background.

Color Contrast Check

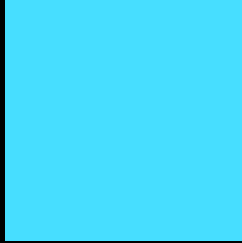
Large Text (above 18pt) WCAG AA × Fail

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 60.8021, 0.2212, 0.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

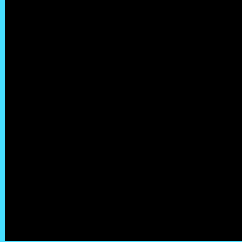
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8021, 0.2212, 0.2875

Background



This preview shows how black text looks on a background with the Yxy color 60.8021, 0.2212, 0.2875.

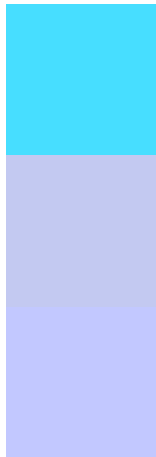


This preview shows how white text looks on a background with the Yxy color 60.8021, 0.2212, 0.2875.

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

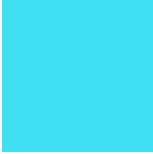
60.8021, 0.2212, 0.2875

Protanopia

59.7263, 0.2814, 0.2836

Deuteranopia

59.9979, 0.2722, 0.2679



Tritanopia

60.7462, 0.2247, 0.3056

Trichromacy



Original Color

60.8021, 0.2212, 0.2875



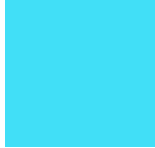
Protanomaly

58.7388, 0.2518, 0.2844



Deuteranomaly

58.7213, 0.2467, 0.2733



Tritanomaly

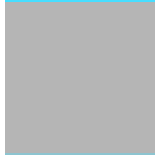
60.6146, 0.2231, 0.2982

Monochromacy



Original Color

60.8021, 0.2212, 0.2875



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

49.6966, 0.2651, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8021, 0.2212, 0.2875 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(71, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 222, 255)  
}
```

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(71, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.8021, 0.2212, 0.2875 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(71, 222, 255) }
```

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

```
.border{ border-color:rgb(71, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 222,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8021, 0.2212, 0.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 222, 255) }
```

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

```
.background{ background-color: rgb(71, 222,  
255) }
```

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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