

Converting Colors

$Yxy(41.2792, 0.2069, 0.2307)$

Have a look what the booklet for
Yxy(41.2792, 0.2069, 0.2307)
contains.

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Color

Yxy(41.2021, 0.2068, 0.2305)

Conversions

Conversions Part 1

Format	Color
Hex	47B4FF
RGB	71, 180, 255
RGB Percent	28%, 71%, 100%
CMY	0.7215, 0.2941, 0.0001
CMYK	0.72, 0.29, 0.00, 0.00
HSL	204°, 100%, 64%
HSV	204°, 72%, 100%
XYZ	36.9657, 41.2021, 100.5832
YIQ	155.9590, -89.0390, 0.2170

Conversions

Conversions Part 2

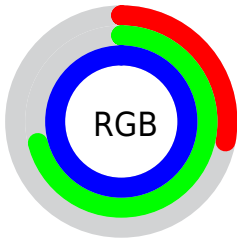
Format	Color
R_{YB}	71, 139, 255
Decimal	4699391
CIE _{Lab}	70.32, -7.09, -45.96
CIE _{LCh}	70, 46.504, 261.234
Yxy	41.2021, 0.2068, 0.2305
Android (android.graphics.Color)	4282889471 (0xFF47B4FF)
YUV	155.9590, 48.8272, -74.5090
Hunter-Lab	64.1889, -9.5342, -47.9745

Details

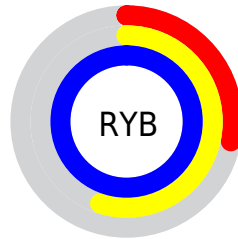
The Yxy color **41.2021, 0.2068, 0.2305** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **42.2601, 0.4955, 0.3977**, and the grayscale version is **33.0373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7864, 0.2481, 0.3069**, and **19.5156, 0.1912, 0.2083** is the 20% darker color. If you saturate the color by 10%, you get **36.3937, 0.1971, 0.2145**, and if you desaturate by 10%, it is **46.7318, 0.2185, 0.2465**.

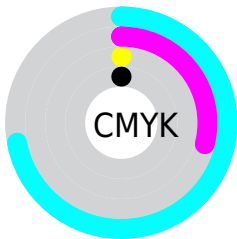
Distribution



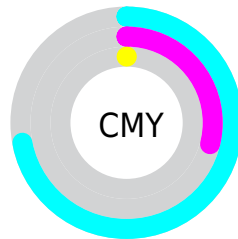
- Red (28%)
- Green (71%)
- Blue (100%)



- Red (28%)
- Yellow (55%)
- Blue (100%)



- Cyan (72%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (72%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2021, 0.2068, 0.2305 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 41.2021, 0.2068, 0.2305 by changing the saturation by 10% instead.


 41.2021, 0.2068,
0.2305


 41.2021, 0.2068,
0.2305


351.1646, 0.2578,
0.2789


 28.4770, 0.1950,
0.2191


 76.9906, 0.2247,
0.2477

 18.6856, 0.1806,
0.2048


 100.8228, 0.2316,
0.2543

 11.4433, 0.1625,
0.1868


 129.1262, 0.2375,
0.2599

 6.3658, 0.1395,
0.1636


 162.2852, 0.2426,
0.2648

 3.0688, 0.1102,
0.1333

200.6841, 0.2471,
0.2690

 1.1677, 0.0734,
0.0938

244.7074, 0.2511,

 0.0351, 0.0000,

0.2727

0.0063

294.7394, 0.2546,
0.2760

■ 0.0000, 0.0000,
0.0000

■ 41.2021, 0.2068,
0.2305

■ 41.2021, 0.2068,
0.2305

■ 36.3937, 0.1971,
0.2145

■ 46.7318, 0.2185,
0.2465

■ 32.2412, 0.1897,
0.1988

■ 53.0304, 0.2319,
0.2622

■ 29.3724, 0.1852,
0.1868

■ 60.1446, 0.2466,
0.2771

■ 68.1156, 0.2620,
0.2912

■ 76.9811, 0.2779,
0.3042

■ 86.7761, 0.2938,
0.3161

■ 97.5335, 0.3094,
0.3269

■ 99.9978, 0.3127,
0.3290

Harmonies

Analogous

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



41.2021, 0.1939, 0.2605



41.2021, 0.2068, 0.2305



41.2021, 0.2450, 0.2257

Triad

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



41.2021, 0.2068, 0.2305



41.2021, 0.4292, 0.3244



41.2021, 0.3085, 0.4414

Complementary

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



41.2021, 0.2068, 0.2305



42.2601, 0.4955, 0.3977

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.



41.2021, 0.3735, 0.4515



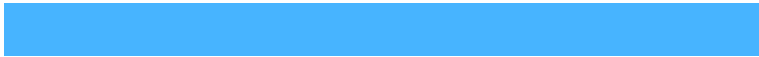
41.2021, 0.2068, 0.2305



41.2021, 0.4475, 0.3756

Square

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



41.2021, 0.2068, 0.2305



41.2021, 0.3745, 0.2778



41.2021, 0.4252, 0.4228



41.2021, 0.2480, 0.3875

Rectangle

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



41.2021, 0.2068, 0.2305



41.2021, 0.2832, 0.2350



41.2021, 0.4252, 0.4228



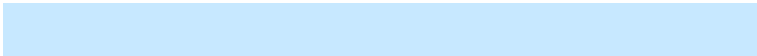
41.2021, 0.3305, 0.4501

Sweetspot

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



41.2035, 0.2068, 0.2305



77.1399, 0.2781, 0.3044



74.8709, 0.2765, 0.4766



15.9762, 0.2738, 0.3010



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.



41.2035, 0.2068, 0.2305



34.3102, 0.1933, 0.2068



15.7720, 0.1778, 0.1157



19.1672, 0.2979, 0.3191



15.6532, 0.1859, 0.1893



1.7390, 0.1908, 0.2068

Inverse Universe

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



29.0581, 0.4077, 0.2291



25.0579, 0.4362, 0.2252



82.0296, 0.4204, 0.4754



18.1677, 0.3201, 0.3150



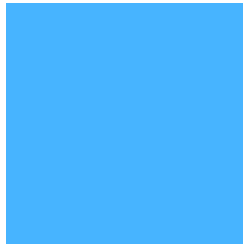
12.3082, 0.4575, 0.2294



1.2201, 0.4376, 0.2184

Previews

White Background



This preview shows how the Yxy color 41.2021, 0.2068, 0.2305 looks on a white background.

Color Contrast Check

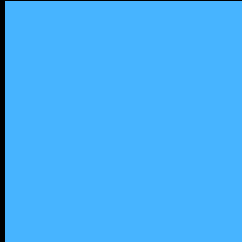
Large Text (above 18pt) WCAG AA × Fail

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 41.2021, 0.2068, 0.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

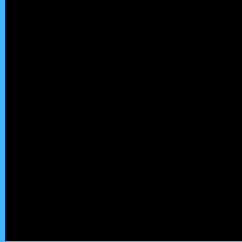
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

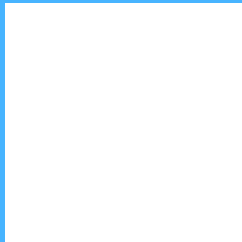
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2021, 0.2068, 0.2305

Background



This preview shows how black text looks on a background with the Yxy color 41.2021, 0.2068, 0.2305.

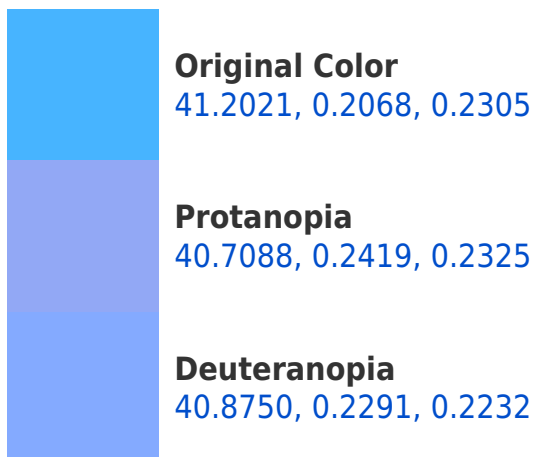


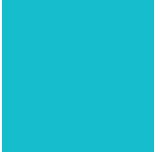
This preview shows how white text looks on a background with the Yxy color 41.2021, 0.2068, 0.2305.

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

41.4053, 0.2199, 0.3059

Trichromacy



Original Color

41.2021, 0.2068, 0.2305

Protanomaly

40.2665, 0.2254, 0.2300

Deuteranomaly

40.8071, 0.2191, 0.2257

Tritanomaly

40.8966, 0.2136, 0.2751

Monochromacy



Original Color

41.2021, 0.2068, 0.2305

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

35.0760, 0.2587, 0.2887

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2021, 0.2068, 0.2305 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, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 180, 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, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 180, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.2021, 0.2068, 0.2305 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, 180, 255) }
```

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

```
.border{ border-color:rgb(71, 180, 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, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 180,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2021, 0.2068, 0.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 180, 255) }
```

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

```
.background{ background-color: rgb(71, 180,  
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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