

Converting Colors

$Yxy(72.0653, 0.2579, 0.3163)$

Have a look what the booklet for
Yxy(72.0653, 0.2579, 0.3163)
contains.

Yxy(72.1136, 0.2579, 0.3161)	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(72.1136, 0.2579, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	98EAF5
RGB	152, 234, 245
RGB Percent	60%, 92%, 96%
CMY	0.4043, 0.0823, 0.0393
CMYK	0.38, 0.04, 0.00, 0.04
HSL	187°, 82%, 78%
HSV	187°, 38%, 96%
XYZ	58.8361, 72.1136, 97.1857
YIQ	210.7360, -52.4030, -13.9630

Conversions

Conversions Part 2

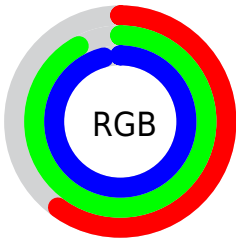
Format	Color
RYB	152, 196, 245
Decimal	10021621
CIELab	88.02, -22.25, -13.21
CIElCh	88, 25.878, 210.707
Yxy	72.1136, 0.2579, 0.3161
Android (android.graphics.Color)	4288211701 (0xFF98EAF5)
YUV	210.7360, 16.8922, -51.5115
Hunter-Lab	84.9197, -24.9369, -8.4101

Details

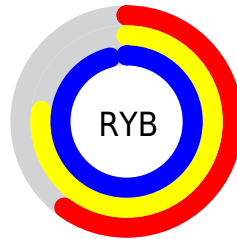
The Yxy color **72.1136, 0.2579, 0.3161** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.8157, 0.4024, 0.3413**, and the grayscale version is **64.8577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **38.0017, 0.2457, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **68.3650, 0.2462, 0.3122**, and if you desaturate by 10%, it is **76.3826, 0.2711, 0.3198**.

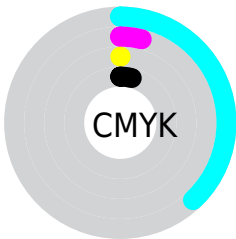
Distribution



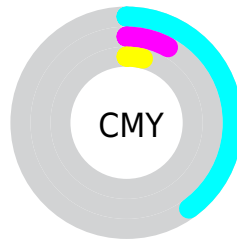
- Red (60%)
- Green (92%)
- Blue (96%)



- Red (60%)
- Yellow (77%)
- Blue (96%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)





- Cyan (40%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1136, 0.2579, 0.3161 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 72.1136, 0.2579, 0.3161 by changing the saturation by 10% instead.

 72.1136, 0.2579,
0.3161


 72.1136, 0.2579,
0.3161


467.9369, 0.2828,
0.3226

 53.2515, 0.2523,
0.3145


 122.2180, 0.2664,
0.3185

 38.0036, 0.2455,
0.3124


 154.2291, 0.2698,
0.3194

 25.9855, 0.2370,
0.3097


191.3920, 0.2727,
0.3201

 16.8128, 0.2261,
0.3061

234.0910, 0.2752,
0.3208

 10.1011, 0.2115,
0.3008

282.7107, 0.2775,
0.3213

 5.4660, 0.1914,
0.2927

337.6353, 0.2794,

 2.5232, 0.1619,

0.3218

0.2791

399.2492, 0.2812,
0.3222

0.8882, 0.0883,
0.2606

0.0000, 0.0000,
0.0000

72.1136, 0.2579,
0.3161

72.1136, 0.2579,
0.3161

68.3650, 0.2462,
0.3122

76.3826, 0.2711,
0.3198

65.0979, 0.2361,
0.3081

81.1913, 0.2853,
0.3234

62.2813, 0.2278,
0.3040

86.5683, 0.3003,
0.3266

59.8769, 0.2215,
0.2998

92.5376, 0.3159,
0.3296

■ 57.8394, 0.2172,
0.2957

■ 95.2567, 0.3190,
0.3324

■ 56.1070, 0.2145,
0.2916

■ 97.0475, 0.3188,
0.3351

■ 55.7780, 0.2141,
0.2908

■ 98.8657, 0.3186,
0.3379

■ 99.3712, 0.3185,
0.3386

Harmonies

Analogous

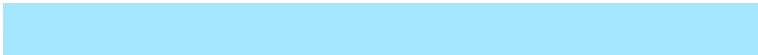
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1136, 0.2752, 0.3460



72.1136, 0.2579, 0.3161



72.1136, 0.2546, 0.2919

Triad

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



72.1136, 0.2579, 0.3161



72.1136, 0.3204, 0.2909



72.1136, 0.3605, 0.3801

Complementary

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



72.1136, 0.2579, 0.3161



47.8157, 0.4024, 0.3413

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.



72.1136, 0.3743, 0.3622



72.1136, 0.2579, 0.3161



72.1136, 0.3506, 0.3117

Square

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



72.1136, 0.2579, 0.3161



72.1136, 0.2894, 0.2791



72.1136, 0.3707, 0.3373



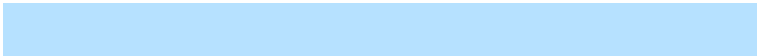
72.1136, 0.3341, 0.3845

Rectangle

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



72.1136, 0.2579, 0.3161



72.1136, 0.2605, 0.2819



72.1136, 0.3707, 0.3373



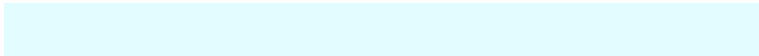
72.1136, 0.3668, 0.3754

Sweetspot

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



72.1164, 0.2579, 0.3161



92.9745, 0.2957, 0.3256



74.5933, 0.3016, 0.4313



19.7267, 0.2937, 0.3252



0.0000, 0.0000, 0.0000



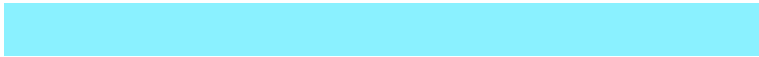
21.4041, 0.3127, 0.3290

Same Dimension

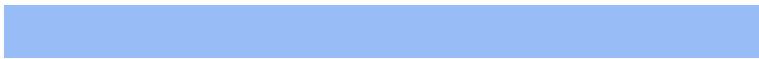
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1164, 0.2579, 0.3161



75.6238, 0.2483, 0.3129



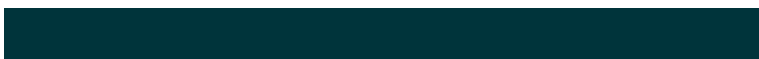
49.0450, 0.2494, 0.2586



18.4052, 0.2981, 0.3261



30.1891, 0.2143, 0.2915



2.7456, 0.2157, 0.2966

Inverse Universe

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



47.7752, 0.3264, 0.2447



45.7135, 0.3299, 0.2279



67.4201, 0.3830, 0.3902



16.7327, 0.3156, 0.3084



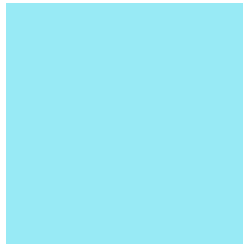
13.1470, 0.3530, 0.1718



1.1648, 0.3484, 0.1693

Previews

White Background



This preview shows how the Yxy color 72.1136, 0.2579, 0.3161 looks on a white background.

Color Contrast Check

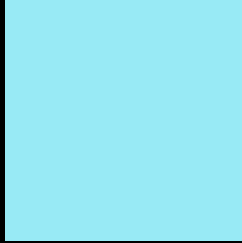
Large Text (above 18pt) WCAG AA × Fail

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 72.1136, 0.2579, 0.3161 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 72.1136, 0.2579, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 72.1136, 0.2579, 0.3161.

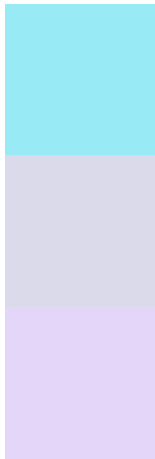


This preview shows how white text looks on a background with the Yxy color 72.1136, 0.2579, 0.3161.

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

72.1136, 0.2579, 0.3161

Protanopia

71.2010, 0.3023, 0.3107

Deuteranopia

71.2636, 0.2989, 0.2925



Tritanopia

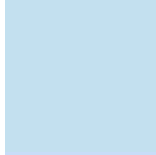
72.1761, 0.2554, 0.3070

Trichromacy



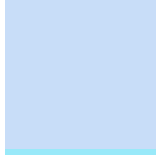
Original Color

72.1136, 0.2579, 0.3161



Protanomaly

71.1454, 0.2841, 0.3122



Deuteranomaly

70.7696, 0.2819, 0.2994



Tritanomaly

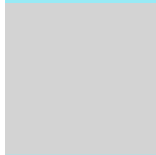
71.8897, 0.2563, 0.3104

Monochromacy



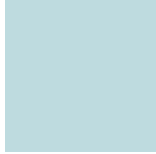
Original Color

72.1136, 0.2579, 0.3161



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

66.9379, 0.2901, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1136, 0.2579, 0.3161 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(152, 234, 245)` looks like.

```
.text, #text, p{  
    color:rgb(152, 234, 245)  
}
```

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(152, 234, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 234, 245) }
```

Border

The CSS property to change the border of an element to Yxy 72.1136, 0.2579, 0.3161 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(152, 234, 245) }
```

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

```
.border{ border-color:rgb(152, 234, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 234, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 234, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 234, 245);  
box-shadow:4px 4px 4px 4px rgb(152, 234,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1136, 0.2579, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 234, 245) }
```

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

```
.background{ background-color: rgb(152,  
234, 245) }
```

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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