

Converting Colors

$Yxy(24.1044, 0.1971, 0.2249)$

Have a look what the booklet for
Yxy(24.1044, 0.1971, 0.2249)
contains.

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Color

Yxy(24.2113, 0.1973, 0.2256)

Conversions

Conversions Part 1

Format	Color
Hex	108FCE
RGB	16, 143, 206
RGB Percent	6%, 56%, 81%
CMY	0.9372, 0.4392, 0.1922
CMYK	0.92, 0.31, 0.00, 0.19
HSL	200°, 86%, 44%
HSV	200°, 92%, 81%
XYZ	21.1742, 24.2113, 61.9341
YIQ	112.2090, -95.9150, -7.3310

Conversions

Conversions Part 2

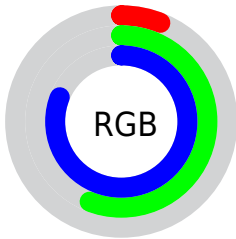
Format	Color
R_{YB}	16, 92, 206
Decimal	1085390
CIE _{Lab}	56.30, -8.53, -41.06
CIE _{LCh}	56, 41.935, 258.267
Yxy	24.2113, 0.1973, 0.2256
Android (android.graphics.Color)	4279275470 (0xFF108FCE)
YUV	112.2090, 46.2390, -84.3753
Hunter-Lab	49.2050, -9.2956, -40.1846

Details

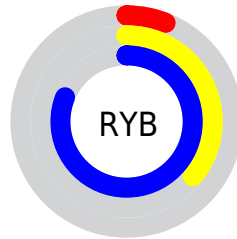
The Yxy color **24.2113, 0.1973, 0.2256** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **18.7465, 0.5702, 0.3772**, and the grayscale version is **16.1527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0361, 0.2229, 0.2558**, and **10.0631, 0.1889, 0.2001** is the 20% darker color. If you saturate the color by 10%, you get **22.5447, 0.1933, 0.2160**, and if you desaturate by 10%, it is **26.6011, 0.2039, 0.2382**.

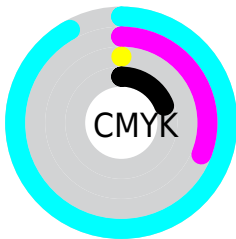
Distribution



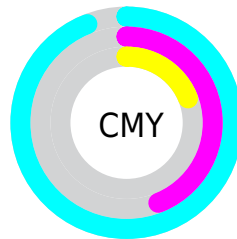
- Red (6%)
- Green (56%)
- Blue (81%)



- Red (6%)
- Yellow (36%)
- Blue (81%)



- Cyan (92%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (94%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.2113, 0.1973, 0.2256 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 24.2113, 0.1973, 0.2256 by changing the saturation by 10% instead.

■ 24.2113, 0.1973,
0.2256

■ 24.2113, 0.1973,
0.2256

273.8870, 0.2575,
0.2811

■ 15.4904, 0.1821,
0.2110

■ 50.3748, 0.2195,
0.2464

■ 9.1643, 0.1627,
0.1922

■ 68.5862, 0.2277,
0.2540

■ 4.8485, 0.1376,
0.1672

■ 90.7299, 0.2347,
0.2604

■ 2.1587, 0.1049,
0.1334

■ 117.1904, 0.2406,
0.2658

■ 0.6973, 0.0569,
0.0873

■ 148.3519, 0.2457,
0.2705

■ 0.0000, 0.0000,
0.0000

184.5989, 0.2501,

0.2745

226.3158, 0.2540,
0.2780

■ 24.2113, 0.1973,
0.2256

■ 24.2113, 0.1973,
0.2256

■ 22.5447, 0.1933,
0.2160

■ 26.6011, 0.2039,
0.2382

■ 29.3310, 0.2125,
0.2509

■ 32.4357, 0.2230,
0.2635

■ 35.9436, 0.2353,
0.2759

■ 39.8798, 0.2488,
0.2877

■ 44.2668, 0.2634,
0.2988

■ 49.1253, 0.2785,
0.3091

■ 54.4744, 0.2939,
0.3186

■ 60.3322, 0.3093,
0.3272

Harmonies

Analogous

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



24.2113, 0.1863, 0.2598



24.2113, 0.1973, 0.2256



24.2113, 0.2351, 0.2185

Triad

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



24.2113, 0.1973, 0.2256



24.2113, 0.4338, 0.3182



24.2113, 0.3144, 0.4544

Complementary

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



24.2113, 0.1973, 0.2256



18.7465, 0.5702, 0.3772

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.



24.2113, 0.3834, 0.4591



24.2113, 0.1973, 0.2256



24.2113, 0.4576, 0.3722

Square

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



24.2113, 0.1973, 0.2256



24.2113, 0.3718, 0.2699



24.2113, 0.4369, 0.4239



24.2113, 0.2486, 0.3996

Rectangle

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



24.2113, 0.1973, 0.2256



24.2113, 0.2741, 0.2269



24.2113, 0.4369, 0.4239



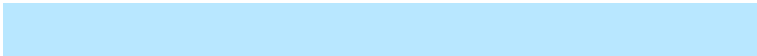
24.2113, 0.3380, 0.4617

Sweetspot

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



24.2121, 0.1973, 0.2256



74.6982, 0.2692, 0.3029



44.7657, 0.2855, 0.5418



15.2763, 0.2627, 0.2983



0.0000, 0.0000, 0.0000



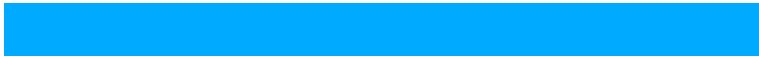
21.4041, 0.3127, 0.3290

Same Dimension

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



24.2121, 0.1973, 0.2256



36.1450, 0.1929, 0.2145



6.9196, 0.1596, 0.0881



12.0759, 0.2983, 0.3211



14.0701, 0.1938, 0.2178



0.8614, 0.2006, 0.2421

Inverse Universe

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



15.4729, 0.4166, 0.2107



24.1800, 0.4292, 0.2138



42.3388, 0.4508, 0.4756



11.3380, 0.3187, 0.3136



9.2234, 0.4256, 0.2118



0.4895, 0.4002, 0.1978

Previews

White Background



This preview shows how the Yxy color 24.2113, 0.1973, 0.2256 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2113, 0.1973, 0.2256 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 × Fail

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

Yxy 24.2113, 0.1973, 0.2256

Background



This preview shows how black text looks on a background with the Yxy color 24.2113, 0.1973, 0.2256.

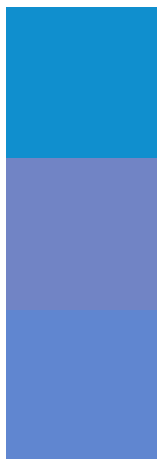


This preview shows how white text looks on a background with the Yxy color 24.2113, 0.1973, 0.2256.

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

24.2113, 0.1973, 0.2256

Protanopia

24.0445, 0.2387, 0.2283

Deuteranopia

24.0911, 0.2211, 0.2154



Tritanopia

24.0330, 0.2188, 0.3076

Trichromacy



Original Color

24.2113, 0.1973, 0.2256

Protanomaly

23.3982, 0.2156, 0.2255

Deuteranomaly

23.5896, 0.2076, 0.2174

Tritanomaly

24.0805, 0.2101, 0.2743

Monochromacy



Original Color

24.2113, 0.1973, 0.2256

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

17.8190, 0.2435, 0.2829

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2113, 0.1973, 0.2256 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(16, 143, 206)` looks like.

```
.text, #text, p{  
    color:rgb(16, 143, 206)  
}
```

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(16, 143, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 143, 206) }
```

Border

The CSS property to change the border of an element to Yxy 24.2113, 0.1973, 0.2256 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(16, 143, 206) }
```

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

```
.border{ border-color:rgb(16, 143, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 143, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 143, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 143, 206);  
box-shadow:4px 4px 4px 4px rgb(16, 143,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2113, 0.1973, 0.2256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 143, 206) }
```

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

```
.background{ background-color: rgb(16, 143,  
206) }
```

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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