

Converting Colors

$Yxy(24.7094, 0.1973, 0.2237)$

Have a look what the booklet for
Yxy(24.7094, 0.1973, 0.2237)
contains.

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Color

Yxy(24.7094, 0.1973, 0.2237)

Conversions

Conversions Part 1

Format	Color
Hex	1590D1
RGB	21, 144, 209
RGB Percent	8%, 56%, 82%
CMY	0.9175, 0.4353, 0.1803
CMYK	0.90, 0.31, 0.00, 0.18
HSL	201°, 82%, 45%
HSV	201°, 90%, 82%
XYZ	21.7933, 24.7094, 63.9550
YIQ	114.6330, -94.1730, -5.8610

Conversions

Conversions Part 2

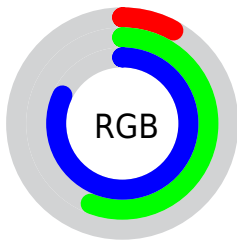
Format	Color
R_{YB}	21, 95, 209
Decimal	1413329
CIE _{Lab}	56.79, -7.72, -41.99
CIE _{LCh}	57, 42.697, 259.577
Y _{xy}	24.7094, 0.1973, 0.2237
Android (android.graphics.Color)	4279603409 (0xFF1590D1)
YUV	114.6330, 46.5229, -82.1161
Hunter-Lab	49.7086, -8.7317, -41.4866

Details

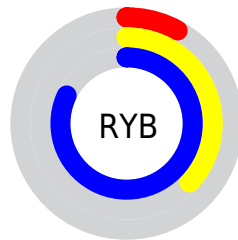
The Yxy color **24.7094, 0.1973, 0.2237** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **20.2787, 0.5606, 0.3819**, and the grayscale version is **16.9103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6114, 0.2240, 0.2573**, and **10.3385, 0.1883, 0.1980** is the 20% darker color. If you saturate the color by 10%, you get **22.4307, 0.1919, 0.2107**, and if you desaturate by 10%, it is **27.3022, 0.2045, 0.2369**.

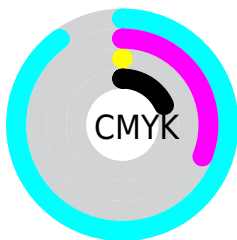
Distribution



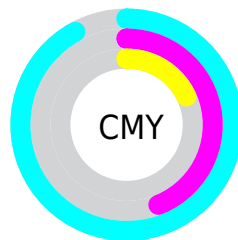
- Red (8%)
- Green (56%)
- Blue (82%)



- Red (8%)
- Yellow (37%)
- Blue (82%)



- Cyan (90%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (92%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.7094, 0.1973, 0.2237 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 24.7094, 0.1973, 0.2237 by changing the saturation by 10% instead.

■ 24.7094, 0.1973,
0.2237

■ 24.7094, 0.1973,
0.2237

■ 276.3876, 0.2573,
0.2798

■ 15.8607, 0.1822,
0.2091

■ 51.1854, 0.2193,
0.2447

■ 9.4256, 0.1631,
0.1903

■ 69.5815, 0.2275,
0.2524

■ 5.0198, 0.1383,
0.1655

■ 91.9288, 0.2345,
0.2588

■ 2.2589, 0.1061,
0.1322

■ 118.6117, 0.2404,
0.2643

■ 0.7518, 0.0612,
0.0875

■ 150.0146, 0.2455,
0.2690

■ 0.0000, 0.0000,
0.0000

186.5220, 0.2499,

0.2731

228.5182, 0.2538,
0.2767

■ 24.7094, 0.1973,
0.2237

■ 24.7094, 0.1973,
0.2237

■ 22.4307, 0.1919,
0.2107

■ 27.3022, 0.2045,
0.2369

■ 22.4159, 0.1919,
0.2106

■ 30.2665, 0.2138,
0.2503

■ 33.6370, 0.2250,
0.2635

■ 37.4425, 0.2378,
0.2763

■ 41.7088, 0.2518,
0.2885

■ 46.4589, 0.2666,
0.3000

■ 51.7142, 0.2820,
0.3106

■ 57.4945, 0.2975,
0.3203

■ 63.8183, 0.3128,
0.3291

Harmonies

Analogous

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



24.7094, 0.1850, 0.2569



24.7094, 0.1973, 0.2237



24.7094, 0.2365, 0.2177

Triad

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



24.7094, 0.1973, 0.2237



24.7094, 0.4372, 0.3203



24.7094, 0.3112, 0.4545

Complementary

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



24.7094, 0.1973, 0.2237



20.2787, 0.5606, 0.3819

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.



24.7094, 0.3812, 0.4613



24.7094, 0.1973, 0.2237



24.7094, 0.4591, 0.3748

Square

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



24.7094, 0.1973, 0.2237



24.7094, 0.3757, 0.2712



24.7094, 0.4363, 0.4268



24.7094, 0.2453, 0.3972

Rectangle

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



24.7094, 0.1973, 0.2237



24.7094, 0.2766, 0.2268



24.7094, 0.4363, 0.4268



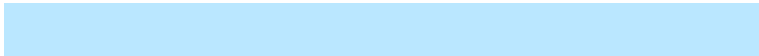
24.7094, 0.3350, 0.4627

Sweetspot

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



24.7102, 0.1973, 0.2237



74.9329, 0.2706, 0.3028



46.4063, 0.2837, 0.5328



15.4540, 0.2654, 0.2990



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.



24.7102, 0.1973, 0.2237



34.7819, 0.1915, 0.2092



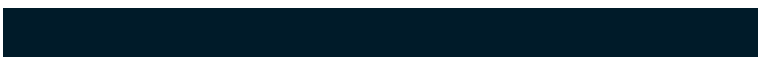
7.2538, 0.1606, 0.0891



12.6899, 0.2983, 0.3208



14.0083, 0.1924, 0.2125



0.9283, 0.1990, 0.2364

Inverse Universe

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



16.1098, 0.4184, 0.2133



24.0424, 0.4350, 0.2170



45.3305, 0.4459, 0.4779



11.9367, 0.3190, 0.3139



9.4854, 0.4314, 0.2150



0.5450, 0.4060, 0.2010

Previews

White Background



This preview shows how the Yxy color 24.7094, 0.1973, 0.2237 looks on a white background.

Color Contrast Check

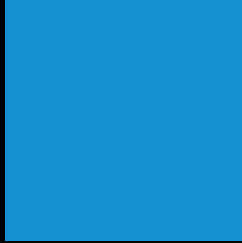
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7094, 0.1973, 0.2237 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

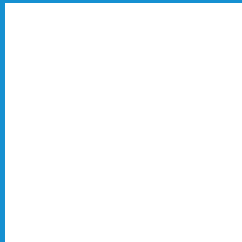
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.7094, 0.1973, 0.2237

Background



This preview shows how black text looks on a background with the Yxy color 24.7094, 0.1973, 0.2237.

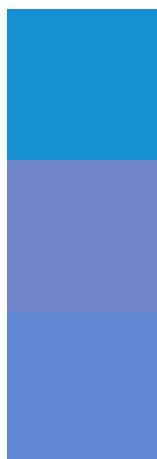


This preview shows how white text looks on a background with the Yxy color 24.7094, 0.1973, 0.2237.

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

24.7094, 0.1973, 0.2237

Protanopia

24.4559, 0.2370, 0.2262

Deuteranopia

24.5179, 0.2199, 0.2136



Tritanopia

24.7419, 0.2189, 0.3079

Trichromacy



Original Color

24.7094, 0.1973, 0.2237

Protanomaly

23.9086, 0.2156, 0.2238

Deuteranomaly

24.0953, 0.2075, 0.2158

Tritanomaly

24.4861, 0.2099, 0.2730

Monochromacy



Original Color

24.7094, 0.1973, 0.2237

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

18.8410, 0.2454, 0.2840

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7094, 0.1973, 0.2237 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(21, 144, 209)` looks like.

```
.text, #text, p{  
    color:rgb(21, 144, 209)  
}
```

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(21, 144, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 144, 209) }
```

Border

The CSS property to change the border of an element to Yxy 24.7094, 0.1973, 0.2237 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(21, 144, 209) }
```

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

```
.border{ border-color:rgb(21, 144, 209) }
```

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

Here you see how a box with a 4 pixel rgb(21, 144, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 144, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 144, 209);  
box-shadow:4px 4px 4px 4px rgb(21, 144,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7094, 0.1973, 0.2237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 144, 209) }
```

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

```
.background{ background-color: rgb(21, 144,  
209) }
```

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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