

Converting Colors

$Yxy(14.0324, 0.1720, 0.1324)$

Have a look what the booklet for
Yxy(14.0324, 0.1720, 0.1324)
contains.

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Color

Yxy(14.0162, 0.1720, 0.1323)

Conversions

Conversions Part 1

Format	Color
Hex	1560E2
RGB	21, 96, 226
RGB Percent	8%, 38%, 89%
CMY	0.9172, 0.6236, 0.1137
CMYK	0.91, 0.58, 0.00, 0.11
HSL	218°, 83%, 48%
HSV	218°, 91%, 89%
XYZ	18.2221, 14.0162, 73.7042
YIQ	88.3950, -86.4300, 24.5300

Conversions

Conversions Part 2

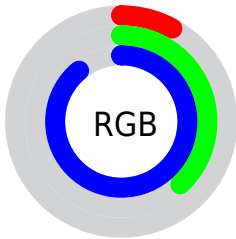
Format	Color
R_{YB}	21, 76, 226
Decimal	1401058
CIE _{Lab}	44.26, 28.58, -71.72
CIE _{LCh}	44, 77.203, 291.730
Yxy	14.0162, 0.1720, 0.1323
Android (android.graphics.Color)	4279591138 (0xFF1560E2)
YUV	88.3950, 67.8393, -59.1054
Hunter-Lab	37.4382, 21.3636, -90.5169

Details

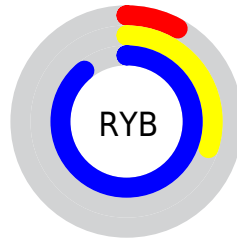
The Yxy color **14.0162, 0.1720, 0.1323** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **38.4027, 0.4903, 0.4420**, and the grayscale version is **9.7201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.0928, 0.2111, 0.1889**, and **5.2322, 0.1615, 0.1012** is the 20% darker color. If you saturate the color by 10%, you get **11.6157, 0.1651, 0.1142**, and if you desaturate by 10%, it is **17.2449, 0.1821, 0.1542**.

Distribution



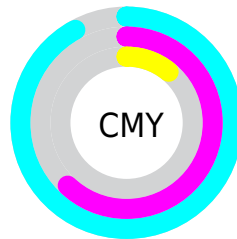
- Red (8%)
- Green (38%)
- Blue (89%)



- Red (8%)
- Yellow (30%)
- Blue (89%)



- Cyan (91%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)





- Cyan (92%)
- Magenta (62%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0162, 0.1720, 0.1323 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 14.0162, 0.1720, 0.1323 by changing the saturation by 10% instead.


 14.0162, 0.1720,
0.1323


 14.0162, 0.1720,
0.1323


217.3316, 0.2488,
0.2300

 8.1319, 0.1527,
0.1108


 33.1178, 0.2004,
0.1662


 4.1795, 0.1289,
0.0858


 47.1039, 0.2111,
0.1795


 1.7745, 0.0995,
0.0578

 64.5594, 0.2200,
0.1910

 0.4712, 0.0652,
0.0259

 85.8686, 0.2275,
0.2009

 0.0000, 0.0095,
0.0000

 111.4161, 0.2340,
0.2096

 0.0000, 0.0000,
0.0000

141.5862, 0.2396,

0.2172

176.7632, 0.2445,
0.2240

■ 14.0162, 0.1720,
0.1323

■ 14.0162, 0.1720,
0.1323

■ 11.6157, 0.1651,
0.1142

■ 17.2449, 0.1821,
0.1542

■ 21.2462, 0.1951,
0.1780

■ 26.0819, 0.2103,
0.2026

■ 31.8055, 0.2271,
0.2271

■ 38.4653, 0.2446,
0.2508

■ 46.1059, 0.2623,
0.2729

■ 54.7683, 0.2796,
0.2932

■ 64.4914, 0.2962,
0.3116

■ 75.3116, 0.3117,
0.3280

Harmonies

Analogous

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



14.0162, 0.1108, 0.1329



14.0162, 0.1720, 0.1323



14.0162, 0.2889, 0.1620

Triad

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



14.0162, 0.1720, 0.1323



14.0162, 0.5940, 0.3764



14.0162, 0.1584, 0.4740

Complementary

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



14.0162, 0.1720, 0.1323



38.4027, 0.4903, 0.4420

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.



14.0162, 0.2677, 0.6252



14.0162, 0.1720, 0.1323



14.0162, 0.5187, 0.4813

Square

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



14.0162, 0.1720, 0.1323



14.0162, 0.5827, 0.2950



14.0162, 0.3958, 0.5907



14.0162, 0.0996, 0.2764

Rectangle

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



14.0162, 0.1720, 0.1323



14.0162, 0.3972, 0.1982



14.0162, 0.3958, 0.5907



14.0162, 0.1907, 0.5427

Sweetspot

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



14.0165, 0.1720, 0.1323



64.4205, 0.2684, 0.2802



56.7902, 0.2578, 0.4426



12.9834, 0.2624, 0.2730



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.



14.0165, 0.1720, 0.1323



15.0811, 0.1647, 0.1130



6.6713, 0.1615, 0.0707



14.0593, 0.2981, 0.3137



6.8330, 0.1659, 0.1171



0.6402, 0.1745, 0.1481

Inverse Universe

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



17.5556, 0.5275, 0.2744



22.0536, 0.5566, 0.2840



66.5535, 0.3962, 0.5190



13.7829, 0.3235, 0.3205



9.5978, 0.5508, 0.2808



0.6821, 0.5084, 0.2574

Previews

White Background



This preview shows how the Yxy color 14.0162, 0.1720, 0.1323 looks on a white 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

Black Background



This preview shows how the Yxy color 14.0162, 0.1720, 0.1323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

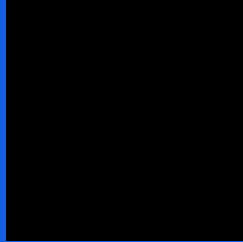
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

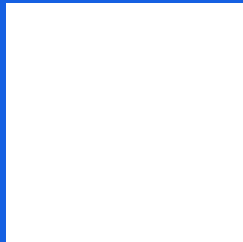
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.0162, 0.1720, 0.1323

Background



This preview shows how black text looks on a background with the Yxy color 14.0162, 0.1720, 0.1323.



This preview shows how white text looks on a background with the Yxy color 14.0162, 0.1720, 0.1323.

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

14.0162, 0.1720, 0.1323

Protanopia

13.8678, 0.1741, 0.1469

Deuteranopia

13.9343, 0.1853, 0.1870



Tritanopia

13.9208, 0.2199, 0.3118

Trichromacy



Original Color

14.0162, 0.1720, 0.1323

Protanomaly

13.9851, 0.1734, 0.1420

Deuteranomaly

13.8756, 0.1794, 0.1632

Tritanomaly

13.5270, 0.1963, 0.2229

Monochromacy



Original Color

14.0162, 0.1720, 0.1323

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

10.4071, 0.2253, 0.2245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0162, 0.1720, 0.1323 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, 96, 226)` looks like.

```
.text, #text, p{  
  color:rgb(21, 96, 226)  
}
```

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, 96, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 96, 226) }
```

Border

The CSS property to change the border of an element to Yxy 14.0162, 0.1720, 0.1323 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, 96, 226) }
```

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

```
.border{ border-color:rgb(21, 96, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 96, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 96, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 96, 226);  
box-shadow:4px 4px 4px 4px rgb(21, 96,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0162, 0.1720, 0.1323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 96, 226) }
```

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

```
.background{ background-color: rgb(21, 96,  
226) }
```

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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