

Converting Colors

$Yxy(14.4499, 0.1715, 0.1375)$

Have a look what the booklet for
Yxy(14.4499, 0.1715, 0.1375)
contains.

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Color

Yxy(14.4962, 0.1717, 0.1382)

Conversions

Conversions Part 1

Format	Color
Hex	0064E0
RGB	0, 100, 224
RGB Percent	0%, 39%, 88%
CMY	1.0000, 0.6078, 0.1215
CMYK	1.00, 0.55, 0.00, 0.12
HSL	213°, 100%, 44%
HSV	213°, 100%, 88%
XYZ	18.0101, 14.4962, 72.3866
YIQ	84.2360, -99.4040, 17.3640

Conversions

Conversions Part 2

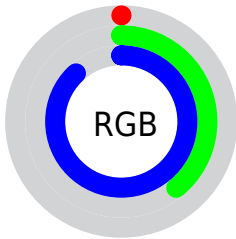
Format	Color
R _{YB}	0, 69, 224
Decimal	25824
CIE Lab	44.94, 24.53, -69.49
CIE LCh	45, 73.693, 289.442
Yxy	14.4962, 0.1717, 0.1382
Android (android.graphics.Color)	4278215904 (0xFF0064E0)
YUV	84.2360, 68.9037, -73.8750
Hunter-Lab	38.0739, 17.8067, -86.0713

Details

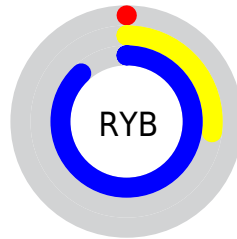
The Yxy color **14.4962, 0.1717, 0.1382** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **30.2704, 0.5267, 0.4200**, and the grayscale version is **8.7893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.0360, 0.2098, 0.1932**, and **5.5595, 0.1632, 0.1076** is the 20% darker color. If you saturate the color by 10%, you get **14.4991, 0.1717, 0.1382**, and if you desaturate by 10%, it is **17.2373, 0.1790, 0.1571**.

Distribution



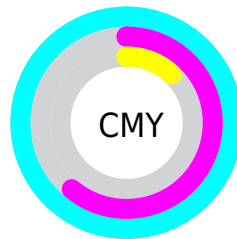
- Red (0%)
- Green (39%)
- Blue (88%)



- Red (0%)
- Yellow (27%)
- Blue (88%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (12%)




- Cyan (100%)
- Magenta (61%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4962, 0.1717, 0.1382 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 14.4962, 0.1717, 0.1382 by changing the saturation by 10% instead.


 14.4962, 0.1717,
0.1382


 14.4962, 0.1717,
0.1382


220.2962, 0.2483,
0.2338


 8.4666, 0.1525,
0.1168


 33.9669, 0.2001,
0.1717


 4.3949, 0.1287,
0.0916


 48.1768, 0.2106,
0.1847

 1.8968, 0.0994,
0.0630

 65.8822, 0.2195,
0.1959

 0.5465, 0.0649,
0.0308

 87.4676, 0.2271,
0.2056

 0.0000, 0.0070,
0.0000

 113.3172, 0.2335,
0.2141

 0.0000, 0.0000,
0.0000

143.8157, 0.2391,

0.2215

179.3472, 0.2440,
0.2280

■ 14.4962, 0.1717,
0.1382

■ 14.4962, 0.1717,
0.1382

■ 14.4991, 0.1717,
0.1382

■ 17.2373, 0.1790,
0.1571

■ 20.5562, 0.1887,
0.1776

■ 24.5357, 0.2009,
0.1990

■ 29.2272, 0.2151,
0.2208

■ 34.6751, 0.2309,
0.2421

■ 40.9194, 0.2474,
0.2625

■ 47.9969, 0.2643,
0.2815

■ 55.9416, 0.2810,
0.2990

■ 64.7855, 0.2972,
0.3148

Harmonies

Analogous

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



14.4962, 0.1149, 0.1416



14.4962, 0.1717, 0.1382



14.4962, 0.2801, 0.1651

Triad

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



14.4962, 0.1717, 0.1382



14.4962, 0.5858, 0.3728



14.4962, 0.1734, 0.4804

Complementary

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



14.4962, 0.1717, 0.1382



30.2704, 0.5267, 0.4200

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.



14.4962, 0.2826, 0.6104



14.4962, 0.1717, 0.1382



14.4962, 0.5189, 0.4697

Square

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



14.4962, 0.1717, 0.1382



14.4962, 0.5632, 0.2930



14.4962, 0.4055, 0.5725



14.4962, 0.1105, 0.2923

Rectangle

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



14.4962, 0.1717, 0.1382



14.4962, 0.3811, 0.1991



14.4962, 0.4055, 0.5725



14.4962, 0.2062, 0.5414

Sweetspot

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



14.4991, 0.1717, 0.1382



64.1573, 0.2639, 0.2811



54.7597, 0.2682, 0.4855



12.8419, 0.2568, 0.2732



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.



14.4991, 0.1717, 0.1382



19.2178, 0.1714, 0.1370



5.4557, 0.1512, 0.0607



14.2456, 0.2981, 0.3157



8.6595, 0.1725, 0.1410



0.7769, 0.1808, 0.1707

Inverse Universe

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



16.7714, 0.5215, 0.2646



22.4712, 0.5232, 0.2656



67.4440, 0.4105, 0.5122



13.8017, 0.3222, 0.3186



9.7822, 0.5178, 0.2626



0.6959, 0.4798, 0.2417

Previews

White Background



This preview shows how the Yxy color 14.4962, 0.1717, 0.1382 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 14.4962, 0.1717, 0.1382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

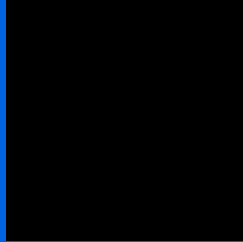
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 14.4962, 0.1717, 0.1382

Background



This preview shows how black text looks on a background with the Yxy color 14.4962, 0.1717, 0.1382.



This preview shows how white text looks on a background with the Yxy color 14.4962, 0.1717, 0.1382.

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

14.4962, 0.1717, 0.1382

Protanopia

14.5125, 0.1739, 0.1461

Deuteranopia

14.5251, 0.1851, 0.1862



Tritanopia

14.4375, 0.2200, 0.3120

Trichromacy



Original Color

14.4962, 0.1717, 0.1382

Protanomaly

14.4747, 0.1729, 0.1424

Deuteranomaly

14.4782, 0.1797, 0.1670

Tritanomaly

13.9421, 0.1960, 0.2255

Monochromacy



Original Color

14.4962, 0.1717, 0.1382

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

9.8185, 0.2177, 0.2250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4962, 0.1717, 0.1382 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(0, 100, 224)` looks like.

```
.text, #text, p{  
  color:rgb(0, 100, 224)  
}
```

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(0, 100, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 100, 224) }
```

Border

The CSS property to change the border of an element to Yxy 14.4962, 0.1717, 0.1382 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(0, 100, 224) }
```

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

```
.border{ border-color:rgb(0, 100, 224) }
```

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

Here you see how a box with a 4 pixel rgb(0, 100, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 100, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 100, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 100,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4962, 0.1717, 0.1382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 100, 224) }
```

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

```
.background{ background-color: rgb(0, 100,  
224) }
```

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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