

Converting Colors

$Y_{xy}(7.0852, 0.1029, 0.1093)$

Have a look what the booklet for
Yxy(7.0852, 0.1029, 0.1093)
contains.

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Color

Yxy(10.1464, 0.1714, 0.1371)

Conversions

Conversions Part 1

Format	Color
Hex	0054C0
RGB	0, 84, 192
RGB Percent	0%, 33%, 75%
CMY	1.0000, 0.6706, 0.2469
CMYK	1.00, 0.56, 0.00, 0.25
HSL	214°, 100%, 38%
HSV	214°, 100%, 75%
XYZ	12.6849, 10.1464, 51.1760
YIQ	71.1960, -84.7320, 15.7800

Conversions

Conversions Part 2

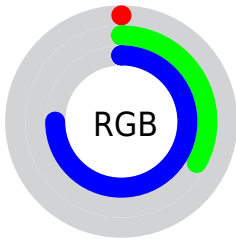
Format	Color
RYB	0, 58, 192
Decimal	21696
CIELab	38.10, 22.31, -62.22
CIELCh	38, 66.097, 289.727
Yxy	10.1464, 0.1714, 0.1371
Android (android.graphics.Color)	4278211776 (0xFF0054C0)
YUV	71.1960, 59.5564, -62.4389
Hunter-Lab	31.8534, 15.3398, -72.9586

Details

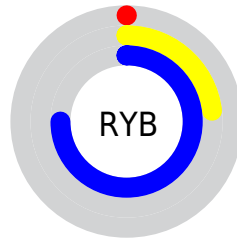
The Yxy color **10.1464, 0.1714, 0.1371** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **21.9412, 0.5228, 0.4231**, and the grayscale version is **6.2451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.1014, 0.2028, 0.1746**, and **3.3920, 0.1621, 0.1036** is the 20% darker color. If you saturate the color by 10%, you get **10.1481, 0.1714, 0.1371**, and if you desaturate by 10%, it is **12.0969, 0.1790, 0.1562**.

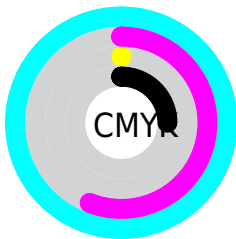
Distribution



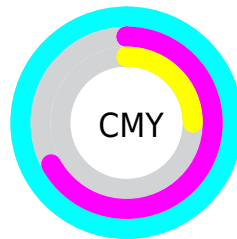
- Red (0%)
- Green (33%)
- Blue (75%)



- Red (0%)
- Yellow (23%)
- Blue (75%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (67%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.1464, 0.1714, 0.1371 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 10.1464, 0.1714, 0.1371 by changing the saturation by 10% instead.

■ 10.1464, 0.1714,
0.1371

■ 10.1464, 0.1714,
0.1371

■ 191.7138, 0.2525,
0.2389

■ 5.4961, 0.1495,
0.1127

■ 26.0705, 0.2026,
0.1741

■ 2.5412, 0.1216,
0.0837

■ 38.1131, 0.2139,
0.1882

■ 0.8972, 0.0867,
0.0509

■ 53.3887, 0.2232,
0.2000

■ 0.0000, 0.0377,
0.0000

■ 72.2815, 0.2310,
0.2102

■ 0.0000, 0.0000,
0.0000

■ 95.1760, 0.2376,
0.2189

■ 122.4567, 0.2433,

0.2264

154.5078, 0.2482,
0.2331

■ 10.1464, 0.1714,
0.1371

■ 10.1464, 0.1714,
0.1371

■ 10.1481, 0.1714,
0.1371

■ 12.0969, 0.1790,
0.1562

■ 14.4543, 0.1889,
0.1768

■ 17.2806, 0.2013,
0.1984

■ 20.6110, 0.2156,
0.2202

■ 24.4763, 0.2314,
0.2417

■ 28.9043, 0.2479,
0.2621

■ 33.9206, 0.2647,
0.2813

■ 39.5490, 0.2813,
0.2989

■ 45.8117, 0.2974,
0.3148

Harmonies

Analogous

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



10.1464, 0.1140, 0.1401



10.1464, 0.1714, 0.1371



10.1464, 0.2810, 0.1643

Triad

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



10.1464, 0.1714, 0.1371



10.1464, 0.5875, 0.3731



10.1464, 0.1712, 0.4802

Complementary

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



10.1464, 0.1714, 0.1371



21.9412, 0.5228, 0.4231

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.



10.1464, 0.2806, 0.6132



10.1464, 0.1714, 0.1371



10.1464, 0.5231, 0.4747

Square

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



10.1464, 0.1714, 0.1371



10.1464, 0.5663, 0.2931



10.1464, 0.4071, 0.5791



10.1464, 0.1087, 0.2902

Rectangle

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



10.1464, 0.1714, 0.1371



10.1464, 0.3832, 0.1987



10.1464, 0.4071, 0.5791



10.1464, 0.2040, 0.5424

Sweetspot

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



10.1481, 0.1714, 0.1371



60.9796, 0.2639, 0.2804



38.7450, 0.2678, 0.4839



12.2299, 0.2568, 0.2724



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



10.1481, 0.1714, 0.1371



17.9010, 0.1707, 0.1343



3.8690, 0.1515, 0.0608



10.4567, 0.2984, 0.3157



6.9757, 0.1721, 0.1394



0.4384, 0.1843, 0.1834

Inverse Universe

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



11.8505, 0.5230, 0.2655



21.4165, 0.5267, 0.2675



47.7096, 0.4106, 0.5122



10.1494, 0.3222, 0.3190



7.9864, 0.5199, 0.2638



0.3589, 0.4645, 0.2332

Previews

White Background



This preview shows how the Yxy color 10.1464, 0.1714, 0.1371 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 10.1464, 0.1714, 0.1371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

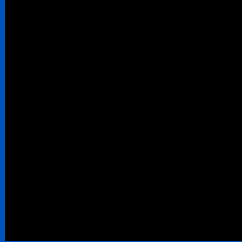
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.1464, 0.1714, 0.1371

Background



This preview shows how black text looks on a background with the Yxy color 10.1464, 0.1714, 0.1371.



This preview shows how white text looks on a background with the Yxy color 10.1464, 0.1714, 0.1371.

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

10.1464, 0.1714, 0.1371

Protanopia

10.0745, 0.1745, 0.1480

Deuteranopia

10.1229, 0.1855, 0.1878



Tritanopia

10.1550, 0.2200, 0.3122

Trichromacy



Original Color

10.1464, 0.1714, 0.1371

Protanomaly

10.0422, 0.1732, 0.1436

Deuteranomaly

10.0470, 0.1796, 0.1667

Tritanomaly

9.8116, 0.1961, 0.2259

Monochromacy



Original Color

10.1464, 0.1714, 0.1371

Achromatopsia

6.3010, 0.3127, 0.3290

Achromatomaly

6.9646, 0.2186, 0.2251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1464, 0.1714, 0.1371 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, 84, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 84, 192)  
}
```

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, 84, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 84, 192) }
```

Border

The CSS property to change the border of an element to Yxy 10.1464, 0.1714, 0.1371 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, 84, 192) }
```

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

```
.border{ border-color:rgb(0, 84, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 84, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 84, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 84, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 84, 192)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.1464, 0.1714, 0.1371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 84, 192) }
```

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

```
.background{ background-color: rgb(0, 84,  
192) }
```

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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