

Converting Colors

$Yxy(14.5246, 0.1961, 0.1771)$

Have a look what the booklet for
Yxy(14.5246, 0.1961, 0.1771)
contains.

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Color

$Y_{xy}(14.5321, 0.1961, 0.1776)$

Conversions

Conversions Part 1

Format	Color
Hex	3968BF
RGB	57, 104, 191
RGB Percent	22%, 41%, 75%
CMY	0.7760, 0.5922, 0.2510
CMYK	0.70, 0.46, 0.00, 0.25
HSL	219°, 54%, 49%
HSV	219°, 70%, 75%
XYZ	16.0459, 14.5321, 51.2469
YIQ	99.8650, -55.9390, 17.0930

Conversions

Conversions Part 2

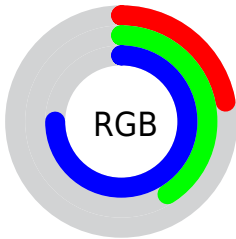
Format	Color
RYB	57, 92, 191
Decimal	3762367
CIELab	44.99, 13.47, -50.42
CIELCh	45, 52.191, 284.954
Yxy	14.5321, 0.1961, 0.1776
Android (android.graphics.Color)	4281952447 (0xFF3968BF)
YUV	99.8650, 44.9296, -37.5926
Hunter-Lab	38.1210, 8.4224, -53.0202

Details

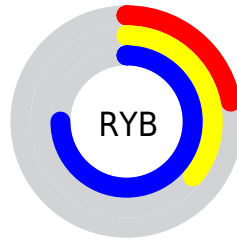
The Yxy color **14.5321, 0.1961, 0.1776** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **31.3576, 0.4486, 0.4366**, and the grayscale version is **12.6091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1419, 0.2213, 0.2083**, and **4.8323, 0.1715, 0.1375** is the 20% darker color. If you saturate the color by 10%, you get **11.7543, 0.1828, 0.1535**, and if you desaturate by 10%, it is **17.8898, 0.2116, 0.2025**.

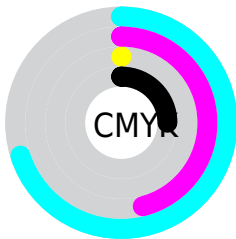
Distribution



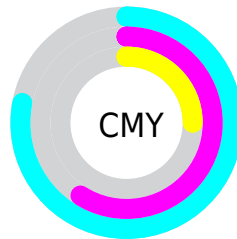
- Red (22%)
- Green (41%)
- Blue (75%)



- Red (22%)
- Yellow (36%)
- Blue (75%)



- Cyan (70%)
- Magenta (46%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (59%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.5321, 0.1961, 0.1776 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 14.5321, 0.1961, 0.1776 by changing the saturation by 10% instead.

■ 14.5321, 0.1961,
0.1776

■ 14.5321, 0.1961,
0.1776

■ 220.5164, 0.2617,
0.2589

■ 8.4917, 0.1781,
0.1568

■ 34.0302, 0.2213,
0.2079

■ 4.4111, 0.1546,
0.1305

■ 48.2567, 0.2304,
0.2191

■ 1.9061, 0.1235,
0.0974

■ 65.9807, 0.2380,
0.2285

■ 0.5520, 0.0833,
0.0539

■ 87.5865, 0.2443,
0.2364

■ 0.0000, 0.0000,
0.0000

■ 113.4586, 0.2496,
0.2433

143.9813, 0.2542,

0.2492

179.5391, 0.2582,
0.2543

■ 14.5321, 0.1961,
0.1776

■ 14.5321, 0.1961,
0.1776

■ 11.7543, 0.1828,
0.1535

■ 17.8898, 0.2116,
0.2025

■ 9.5141, 0.1722,
0.1313

■ 21.8624, 0.2285,
0.2273

■ 7.7596, 0.1644,
0.1119

■ 26.4831, 0.2461,
0.2511

■ 31.7821, 0.2637,
0.2734

■ 37.7876, 0.2809,
0.2939

■ 44.5260, 0.2972,
0.3124

■ 52.0222, 0.3126,
0.3289

■ 60.3001, 0.3268,
0.3434

■ 69.3821, 0.3399,
0.3562

Harmonies

Analogous

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



14.5321, 0.1520, 0.1874



14.5321, 0.1961, 0.1776



14.5321, 0.2766, 0.1962

Triad

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



14.5321, 0.1961, 0.1776



14.5321, 0.5207, 0.3693



14.5321, 0.2259, 0.4501

Complementary

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



14.5321, 0.1961, 0.1776



31.3576, 0.4486, 0.4366

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.



14.5321, 0.3177, 0.5260



14.5321, 0.1961, 0.1776



14.5321, 0.4893, 0.4427

Square

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



14.5321, 0.1961, 0.1776



14.5321, 0.4831, 0.3002



14.5321, 0.4130, 0.5088



14.5321, 0.1637, 0.3263

Rectangle

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



14.5321, 0.1961, 0.1776



14.5321, 0.3476, 0.2227



14.5321, 0.4130, 0.5088



14.5321, 0.2544, 0.4852

Sweetspot

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



14.5325, 0.1961, 0.1776



66.2797, 0.2788, 0.2915



40.0834, 0.2591, 0.4122



13.8755, 0.2740, 0.2859



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.



14.5325, 0.1961, 0.1776



18.8375, 0.1769, 0.1416



8.1938, 0.1910, 0.1136



9.7571, 0.2984, 0.3137



5.2376, 0.1651, 0.1143



0.3296, 0.1791, 0.1647

Inverse Universe

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



15.0129, 0.4618, 0.2724



22.5039, 0.5129, 0.2737



46.4574, 0.3897, 0.4941



9.5901, 0.3235, 0.3210



7.5584, 0.5547, 0.2830



0.3086, 0.4872, 0.2458

Previews

White Background



This preview shows how the Yxy color 14.5321, 0.1961, 0.1776 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 14.5321, 0.1961, 0.1776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

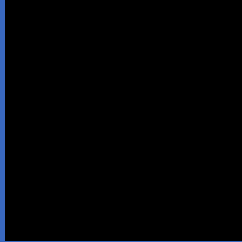
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5321, 0.1961, 0.1776

Background



This preview shows how black text looks on a background with the Yxy color 14.5321, 0.1961, 0.1776.



This preview shows how white text looks on a background with the Yxy color 14.5321, 0.1961, 0.1776.

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

14.5321, 0.1961, 0.1776

Protanopia

14.5082, 0.1997, 0.1782

Deuteranopia

14.5813, 0.1860, 0.1817



Tritanopia

14.4892, 0.2187, 0.3074

Trichromacy



Original Color

14.5321, 0.1961, 0.1776

Protanomaly

14.4103, 0.1981, 0.1776

Deuteranomaly

14.5564, 0.1887, 0.1809

Tritanomaly

14.1717, 0.2061, 0.2492

Monochromacy



Original Color

14.5321, 0.1961, 0.1776

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.8856, 0.2537, 0.2606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5321, 0.1961, 0.1776 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(57, 104, 191)` looks like.

```
.text, #text, p{  
    color:rgb(57, 104, 191)  
}
```

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(57, 104, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 104, 191) }
```

Border

The CSS property to change the border of an element to Yxy 14.5321, 0.1961, 0.1776 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(57, 104, 191) }
```

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

```
.border{ border-color:rgb(57, 104, 191) }
```

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

Here you see how a box with a 4 pixel rgb(57, 104, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 104, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 104, 191);  
box-shadow:4px 4px 4px 4px rgb(57, 104,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5321, 0.1961, 0.1776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 104, 191) }
```

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

```
.background{ background-color: rgb(57, 104,  
191) }
```

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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