

Converting Colors

$Y_{xy}(14.5701, 0.2104, 0.1750)$

Have a look what the booklet for
Yxy(14.5701, 0.2104, 0.1750)
contains.

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Color

Yxy(14.5701, 0.2104, 0.1750)

Conversions

Conversions Part 1

Format	Color
Hex	5463BF
RGB	84, 99, 191
RGB Percent	33%, 39%, 75%
CMY	0.6708, 0.6117, 0.2510
CMYK	0.56, 0.48, 0.00, 0.25
HSL	232°, 46%, 54%
HSV	232°, 56%, 75%
XYZ	17.5174, 14.5701, 51.1702
YIQ	105.0030, -38.4720, 25.4320

Conversions

Conversions Part 2

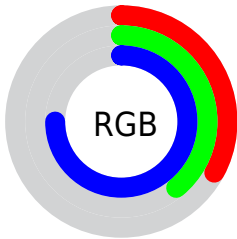
Format	Color
R_{YB}	84, 97, 191
Decimal	5530559
CIE _{Lab}	45.04, 21.44, -50.25
CIE _{LCh}	45, 54.637, 293.105
Yxy	14.5701, 0.2104, 0.1750
Android (android.graphics.Color)	4283720639 (0xFF5463BF)
YUV	105.0030, 42.3965, -18.4196
Hunter-Lab	38.1708, 15.1187, -52.7622

Details

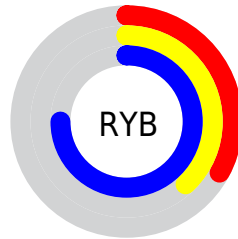
The Yxy color **14.5701, 0.2104, 0.1750** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **42.7355, 0.4023, 0.4455**, and the grayscale version is **14.0170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.2527, 0.2333, 0.2058**, and **4.4379, 0.1721, 0.1283** is the 20% darker color. If you saturate the color by 10%, you get **11.0062, 0.1919, 0.1443**, and if you desaturate by 10%, it is **19.0070, 0.2302, 0.2065**.

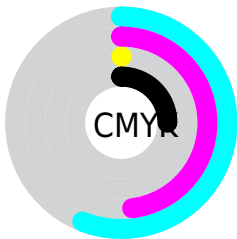
Distribution



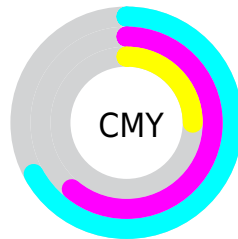
- Red (33%)
- Green (39%)
- Blue (75%)



- Red (33%)
- Yellow (38%)
- Blue (75%)



- Cyan (56%)
- Magenta (48%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (61%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.5701, 0.2104, 0.1750 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 14.5701, 0.2104, 0.1750 by changing the saturation by 10% instead.

■ 14.5701, 0.2104,
0.1750

■ 14.5701, 0.2104,
0.1750

■ 220.7492, 0.2689,
0.2567

■ 8.5182, 0.1939,
0.1544

■ 34.0972, 0.2332,
0.2052

■ 4.4283, 0.1721,
0.1284

■ 48.3413, 0.2413,
0.2164

■ 1.9159, 0.1424,
0.0959

■ 66.0848, 0.2480,
0.2259

■ 0.5579, 0.1026,
0.0534

■ 87.7123, 0.2536,
0.2339

■ 0.0000, 0.0003,
0.0000

■ 113.6081, 0.2583,
0.2408

■ 0.0000, 0.0000,
0.0000

144.1566, 0.2623,

0.2468

179.7421, 0.2658,
0.2520

■ 14.5701, 0.2104,
0.1750

■ 14.5701, 0.2104,
0.1750

■ 11.0062, 0.1919,
0.1443

■ 19.0070, 0.2302,
0.2065

■ 8.2553, 0.1759,
0.1164

■ 24.3687, 0.2501,
0.2373

■ 6.2520, 0.1635,
0.0931

■ 30.7043, 0.2693,
0.2662

■ 4.9182, 0.1554,
0.0760

■ 38.0591, 0.2872,
0.2926

■ 4.5389, 0.1531,
0.0710

■ 46.4757, 0.3036,
0.3161

■ 55.9941, 0.3184,
0.3369

■ 66.6523, 0.3315,
0.3550

■ 78.4862, 0.3430,
0.3707

■ 91.3702, 0.3526,
0.3844

Harmonies

Analogous

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



14.5701, 0.1554, 0.1764



14.5701, 0.2104, 0.1750



14.5701, 0.3036, 0.2014

Triad

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



14.5701, 0.2104, 0.1750



14.5701, 0.5261, 0.3891



14.5701, 0.2004, 0.4214

Complementary

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



14.5701, 0.2104, 0.1750



42.7355, 0.4023, 0.4455

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.



14.5701, 0.2892, 0.5246



14.5701, 0.2104, 0.1750



14.5701, 0.4766, 0.4657

Square

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



14.5701, 0.2104, 0.1750



14.5701, 0.5089, 0.3169



14.5701, 0.3893, 0.5286



14.5701, 0.1479, 0.2939

Rectangle

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



14.5701, 0.2104, 0.1750



14.5701, 0.3810, 0.2327



14.5701, 0.3893, 0.5286



14.5701, 0.2269, 0.4639

Sweetspot

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



14.5706, 0.2104, 0.1750



66.4553, 0.2851, 0.2895



42.2303, 0.2515, 0.3539



13.9819, 0.2815, 0.2843



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.



14.5706, 0.2104, 0.1750



18.6057, 0.1884, 0.1384



14.1901, 0.2395, 0.1657



9.4361, 0.2984, 0.3087



3.0553, 0.1535, 0.0725



0.1903, 0.1632, 0.1075

Inverse Universe

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



18.3096, 0.4549, 0.3096



26.8349, 0.5056, 0.3082



44.7180, 0.3582, 0.4786



9.5577, 0.3267, 0.3258



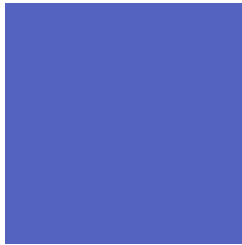
7.3381, 0.6192, 0.3185



0.2946, 0.5646, 0.2884

Previews

White Background



This preview shows how the Yxy color 14.5701, 0.2104, 0.1750 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 14.5701, 0.2104, 0.1750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

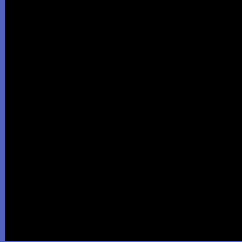
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5701, 0.2104, 0.1750

Background



This preview shows how black text looks on a background with the Yxy color 14.5701, 0.2104, 0.1750.



This preview shows how white text looks on a background with the Yxy color 14.5701, 0.2104, 0.1750.

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

14.5701, 0.2104, 0.1750

Protanopia

14.6013, 0.1955, 0.1723

Deuteranopia

14.6605, 0.1884, 0.1835



Tritanopia

14.6162, 0.2428, 0.3083

Trichromacy



Original Color

14.5701, 0.2104, 0.1750

Protanomaly

14.6630, 0.2003, 0.1734

Deuteranomaly

14.4738, 0.1933, 0.1792

Tritanomaly

14.2687, 0.2284, 0.2483

Monochromacy



Original Color

14.5701, 0.2104, 0.1750

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.0195, 0.2659, 0.2621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5701, 0.2104, 0.1750 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(84, 99, 191)` looks like.

```
.text, #text, p{  
    color:rgb(84, 99, 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(84, 99, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 99, 191) }
```

Border

The CSS property to change the border of an element to Yxy 14.5701, 0.2104, 0.1750 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(84, 99, 191) }
```

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

```
.border{ border-color:rgb(84, 99, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 99, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 99, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 99, 191);  
box-shadow:4px 4px 4px 4px rgb(84, 99,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5701, 0.2104, 0.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 99, 191) }
```

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

```
.background{ background-color: rgb(84, 99,  
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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