

Converting Colors

$Y_{xy}(14.5009, 0.5722, 0.3676)$

Have a look what the booklet for
Yxy(14.5009, 0.5722, 0.3676)
contains.

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Color

Yxy(14.5192, 0.5721, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	BB4216
RGB	187, 66, 22
RGB Percent	73%, 26%, 9%
CMY	0.2667, 0.7411, 0.9136
CMYK	0.00, 0.65, 0.88, 0.27
HSL	16°, 79%, 41%
HSV	16°, 88%, 73%
XYZ	22.5841, 14.5192, 2.3725
YIQ	97.1630, 86.2400, 11.9680

Conversions

Conversions Part 2

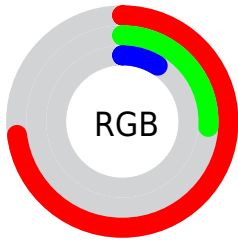
Format	Color
RYB	187, 82, 22
Decimal	12272150
CIELab	44.97, 46.89, 49.26
CIELCh	45, 68.009, 46.408
Yxy	14.5192, 0.5721, 0.3678
Android (android.graphics.Color)	4290462230 (0xFFBB4216)
YUV	97.1630, -37.0554, 78.7870
Hunter-Lab	38.1041, 39.1140, 22.9812

Details

The Yxy color **14.5192, 0.5721, 0.3678** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **23.3994, 0.2055, 0.2515**, and the grayscale version is **12.0762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9726, 0.5173, 0.3727**, and **4.4573, 0.6392, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **13.0541, 0.5996, 0.3599**, and if you desaturate by 10%, it is **16.4196, 0.5376, 0.3719**.

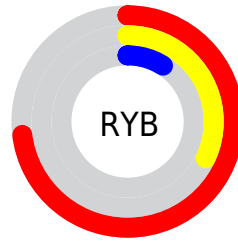
Distribution



Red (73%)

Green (26%)

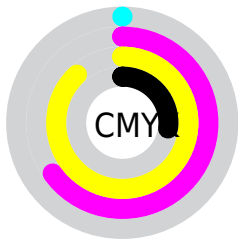
Blue (9%)



Red (73%)

Yellow (32%)

Blue (9%)

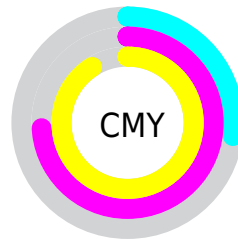


Cyan (0%)

Magenta (65%)

Yellow (88%)

Black (27%)



Cyan (27%)


Magenta (74%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5192, 0.5721, 0.3678 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 14.5192, 0.5721, 0.3678 by changing the saturation by 10% instead.


 14.5192, 0.5721,
0.3678


 14.5192, 0.5721,
0.3678


220.4373, 0.4256,
0.3635

 8.4827, 0.6089,
0.3585


 34.0075, 0.5172,
0.3728


 4.4053, 0.6583,
0.3417

 48.2280, 0.4967,
0.3724

 1.9028, 0.7011,
0.2989

 65.9453, 0.4797,
0.3713

 0.5500, 0.7815,
0.2185

 87.5438, 0.4653,
0.3698


 0.0000, 1.0000,
0.0000


 113.4078, 0.4531,
0.3682


 0.0000, 0.0000,
0.0000


 143.9218, 0.4427,

0.3666


 179.4702, 0.4336,
0.3650


 14.5192, 0.5721,
0.3678


 14.5192, 0.5721,
0.3678


 13.0541, 0.5996,
0.3599


 16.4196, 0.5376,
0.3719

 12.8331, 0.6041,
0.3585

 18.7903, 0.4996,
0.3719

 21.6629, 0.4617,
0.3685

 25.0654, 0.4265,
0.3629

 29.0236, 0.3952,
0.3560

■ 33.5615, 0.3683,
0.3487

■ 38.7016, 0.3454,
0.3414

■ 44.4652, 0.3262,
0.3344

■ 50.8727, 0.3101,
0.3279

Harmonies

Analogous

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



14.5192, 0.5369, 0.2905



14.5192, 0.5721, 0.3678



14.5192, 0.5182, 0.4567

Triad

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



14.5192, 0.5721, 0.3678



14.5192, 0.1932, 0.4849



14.5192, 0.1725, 0.1469

Complementary

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



14.5192, 0.5721, 0.3678



23.3994, 0.2055, 0.2515

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.



14.5192, 0.1213, 0.1540



14.5192, 0.5721, 0.3678



14.5192, 0.1260, 0.3120

Square

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



14.5192, 0.5721, 0.3678



14.5192, 0.3009, 0.5900



14.5192, 0.1059, 0.2010



14.5192, 0.2705, 0.1700

Rectangle

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



14.5192, 0.5721, 0.3678



14.5192, 0.4538, 0.5213



14.5192, 0.1059, 0.2010



14.5192, 0.1508, 0.1457

Sweetspot

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



14.5200, 0.5721, 0.3678



61.6956, 0.3638, 0.3474



13.1207, 0.3898, 0.1987



12.9224, 0.3725, 0.3499



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



14.5200, 0.5721, 0.3678



22.6577, 0.6068, 0.3564



31.9562, 0.4567, 0.4663



9.9392, 0.3282, 0.3352



8.9471, 0.6020, 0.3602



0.4623, 0.5535, 0.3987

Inverse Universe

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



23.3994, 0.2055, 0.2515



38.1230, 0.1996, 0.2384



7.0442, 0.1664, 0.1071



10.3673, 0.2985, 0.3227



14.9473, 0.2003, 0.2411



0.6876, 0.2068, 0.2646

Previews

White Background



This preview shows how the Yxy color 14.5192, 0.5721, 0.3678 looks on a white background.

Color Contrast Check

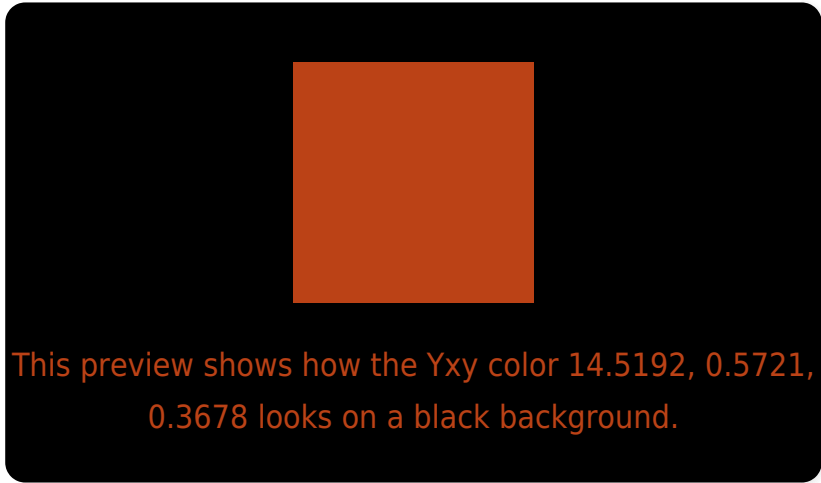
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

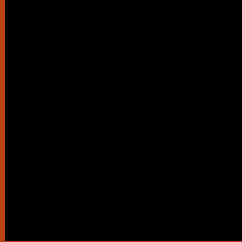
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5192, 0.5721, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 14.5192, 0.5721, 0.3678.



This preview shows how white text looks on a background with the Yxy color 14.5192, 0.5721, 0.3678.

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

14.5192, 0.5721, 0.3678

Protanopia

14.6127, 0.4229, 0.4659

Deuteranopia

14.6536, 0.4688, 0.4660



Tritanopia

14.5183, 0.5262, 0.3262

Trichromacy



Original Color

14.5192, 0.5721, 0.3678

Protanomaly

13.6674, 0.4837, 0.4255

Deuteranomaly

14.0323, 0.5131, 0.4250

Tritanomaly

14.4681, 0.5490, 0.3443

Monochromacy



Original Color

14.5192, 0.5721, 0.3678

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.8436, 0.4153, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5192, 0.5721, 0.3678 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(187, 66, 22)` looks like.

```
.text, #text, p{  
    color:rgb(187, 66, 22)  
}
```

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(187, 66, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 66, 22) }
```

Border

The CSS property to change the border of an element to Yxy 14.5192, 0.5721, 0.3678 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(187, 66, 22) }
```

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

```
.border{ border-color:rgb(187, 66, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 66, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 66, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 66, 22);  
box-shadow:4px 4px 4px 4px rgb(187, 66,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5192, 0.5721, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 66, 22) }
```

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

```
.background{ background-color: rgb(187, 66,  
22) }
```

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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