

Converting Colors

$Y_{xy}(14.6727, 0.5361, 0.3954)$

Have a look what the booklet for
Yxy(14.6727, 0.5361, 0.3954)
contains.

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Color

Yxy(14.7504, 0.5356, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	AB5216
RGB	171, 82, 22
RGB Percent	67%, 32%, 9%
CMY	0.3294, 0.6784, 0.9139
CMYK	0.00, 0.52, 0.87, 0.33
HSL	24°, 77%, 38%
HSV	24°, 87%, 67%
XYZ	19.9553, 14.7504, 2.5522
YIQ	101.7710, 72.3040, 0.2080

Conversions

Conversions Part 2

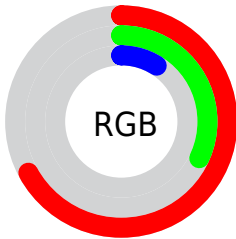
Format	Color
R_{YB}	171, 122, 22
Decimal	11227670
CIE Lab	45.29, 32.99, 48.44
CIE LCh	45, 58.604, 55.740
Yxy	14.7504, 0.5356, 0.3959
Android (android.graphics.Color)	4289417750 (0xFFAB5216)
YUV	101.7710, -39.3271, 60.7138
Hunter-Lab	38.4062, 25.5351, 22.9444

Details

The Yxy color **14.7504, 0.5356, 0.3959** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **14.4658, 0.1952, 0.2114**, and the grayscale version is **13.3143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3987, 0.4882, 0.3920**, and **4.5325, 0.5898, 0.3699** is the 20% darker color. If you saturate the color by 10%, you get **13.2770, 0.5609, 0.3894**, and if you desaturate by 10%, it is **16.4966, 0.5061, 0.3975**.

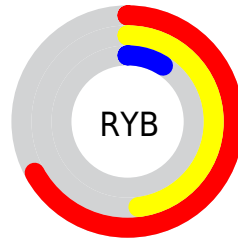
Distribution



Red (67%)

Green (32%)

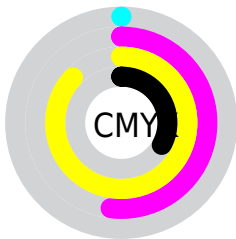
Blue (9%)



Red (67%)

Yellow (48%)

Blue (9%)

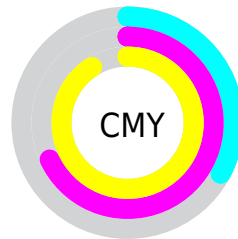


Cyan (0%)

Magenta (52%)

Yellow (87%)

Black (33%)



Cyan (33%)

Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7504, 0.5356, 0.3959 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 14.7504, 0.5356, 0.3959 by changing the saturation by 10% instead.


 14.7504, 0.5356,
0.3959


 14.7504, 0.5356,
0.3959


221.8504, 0.4097,
0.3717


 8.6444, 0.5673,
0.3932


 34.4147, 0.4882,
0.3921


 4.5100, 0.6129,
0.3871

 48.7418, 0.4706,
0.3889


 1.9627, 0.6470,
0.3530

 66.5781, 0.4560,
0.3856

 0.5857, 0.7160,
0.2840

 88.3079, 0.4437,
0.3824


 0.0000, 1.0000,
0.0000

 114.3156, 0.4332,
0.3794

 0.0000, 0.0000,
0.0000


 144.9857, 0.4243,

0.3766


 180.7025, 0.4165,
0.3741


 14.7504, 0.5356,
0.3959


 14.7504, 0.5356,
0.3959

 13.2770, 0.5609,
0.3894


 16.4966, 0.5061,
0.3975

 12.9013, 0.5679,
0.3873

 18.5316, 0.4746,
0.3943

 20.8714, 0.4432,
0.3875

 23.5296, 0.4136,
0.3784

 26.5190, 0.3867,
0.3680

■ 29.8515, 0.3628,
0.3571

■ 33.5382, 0.3420,
0.3463

■ 37.5900, 0.3240,
0.3360

■ 42.0170, 0.3086,
0.3263

Harmonies

Analogous

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



14.7504, 0.5265, 0.3207



14.7504, 0.5356, 0.3959



14.7504, 0.4764, 0.4772

Triad

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



14.7504, 0.5356, 0.3959



14.7504, 0.1864, 0.4152



14.7504, 0.2114, 0.1688

Complementary

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



14.7504, 0.5356, 0.3959



14.4658, 0.1952, 0.2114

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.



14.7504, 0.1511, 0.1671



14.7504, 0.5356, 0.3959



14.7504, 0.1365, 0.2803

Square

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



14.7504, 0.5356, 0.3959



14.7504, 0.2765, 0.5342



14.7504, 0.1270, 0.1994



14.7504, 0.3128, 0.1986

Rectangle

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



14.7504, 0.5356, 0.3959



14.7504, 0.4154, 0.5265



14.7504, 0.1270, 0.1994



14.7504, 0.1869, 0.1650

Sweetspot

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



14.7512, 0.5356, 0.3959



53.9078, 0.3612, 0.3563



10.3854, 0.4299, 0.2236



11.5561, 0.3688, 0.3600



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



14.7512, 0.5356, 0.3959



22.7164, 0.5708, 0.3850



32.5220, 0.4313, 0.4863



8.5253, 0.3277, 0.3382



9.8242, 0.5661, 0.3887



0.3823, 0.5115, 0.4321

Inverse Universe

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



14.4658, 0.1952, 0.2114



21.8924, 0.1860, 0.1896



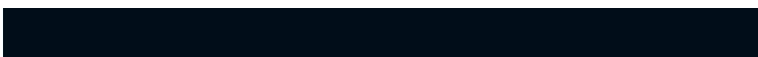
4.4246, 0.1613, 0.0856



8.5223, 0.2986, 0.3196



9.4996, 0.1871, 0.1936



0.3678, 0.1998, 0.2392

Previews

White Background



This preview shows how the Yxy color 14.7504, 0.5356, 0.3959 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 14.7504, 0.5356, 0.3959 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 14.7504, 0.5356, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 14.7504, 0.5356, 0.3959.



This preview shows how white text looks on a background with the Yxy color 14.7504, 0.5356, 0.3959.

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

14.7504, 0.5356, 0.3959

Protanopia

14.8788, 0.4253, 0.4698

Deuteranopia

14.7392, 0.4698, 0.4644



Tritanopia

14.8012, 0.4662, 0.3223

Trichromacy



Original Color

14.7504, 0.5356, 0.3959

Protanomaly

14.4872, 0.4670, 0.4424

Deuteranomaly

14.5937, 0.4961, 0.4378

Tritanomaly

14.6889, 0.4989, 0.3553

Monochromacy



Original Color

14.7504, 0.5356, 0.3959

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.1775, 0.3976, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7504, 0.5356, 0.3959 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(171, 82, 22)` looks like.

```
.text, #text, p{  
    color:rgb(171, 82, 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(171, 82, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 82, 22) }
```

Border

The CSS property to change the border of an element to Yxy 14.7504, 0.5356, 0.3959 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(171, 82, 22) }
```

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

```
.border{ border-color:rgb(171, 82, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 82, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 82, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 82, 22);  
box-shadow:4px 4px 4px 4px rgb(171, 82,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7504, 0.5356, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 82, 22) }
```

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

```
.background{ background-color: rgb(171, 82,  
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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