

Converting Colors

$Y_{xy}(14.6210, 0.5960, 0.3499)$

Have a look what the booklet for
Yxy(14.6210, 0.5960, 0.3499)
contains.

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Color

Yxy(14.6560, 0.5955, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	C73416
RGB	199, 52, 22
RGB Percent	78%, 20%, 9%
CMY	0.2197, 0.7959, 0.9139
CMYK	0.00, 0.74, 0.89, 0.22
HSL	10°, 80%, 43%
HSV	10°, 89%, 78%
XYZ	24.9219, 14.6560, 2.2725
YIQ	92.5330, 97.2420, 21.8340

Conversions

Conversions Part 2

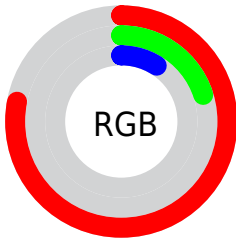
Format	Color
R_{YB}	199, 58, 22
Decimal	13054998
CIE Lab	45.16, 56.41, 50.38
CIE LCh	45, 75.632, 41.771
Yxy	14.6560, 0.5955, 0.3502
Android (android.graphics.Color)	4291245078 (0xFFC73416)
YUV	92.5330, -34.7728, 93.3716
Hunter-Lab	38.2832, 49.2059, 23.2788

Details

The Yxy color **14.6560, 0.5955, 0.3502** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **32.6318, 0.2130, 0.2802**, and the grayscale version is **10.9007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.6395, 0.5311, 0.3625**, and **5.2342, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.3771, 0.6212, 0.3437**, and if you desaturate by 10%, it is **16.5077, 0.5598, 0.3545**.

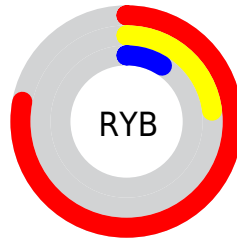
Distribution



Red (78%)

Green (20%)

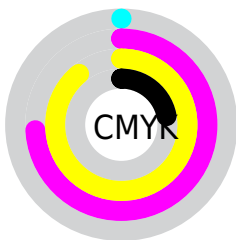
Blue (9%)



Red (78%)

Yellow (23%)

Blue (9%)

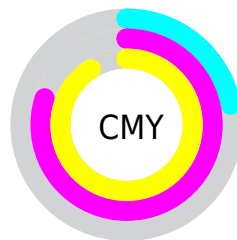


Cyan (0%)

Magenta (74%)

Yellow (89%)

Black (22%)



Cyan (22%)

Magenta (80%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6560, 0.5955, 0.3502 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 14.6560, 0.5955, 0.3502 by changing the saturation by 10% instead.


 14.6560, 0.5955,
0.3502


 14.6560, 0.5955,
0.3502


221.2745, 0.4369,
0.3583


 8.5783, 0.6347,
0.3372

 34.2486, 0.5366,
0.3605


 4.4672, 0.6851,
0.3149

 48.5322, 0.5145,
0.3619

 1.9382, 0.7313,
0.2687

 66.3200, 0.4959,
0.3622

 0.5712, 0.8107,
0.1893

 87.9963, 0.4803,
0.3619

 0.0000, 1.0000,
0.0000

 113.9455, 0.4670,
0.3612

 0.0000, 0.0000,
0.0000


 144.5520, 0.4555,

0.3603


 180.2002, 0.4456,
0.3593


 14.6560, 0.5955,
0.3502


 14.6560, 0.5955,
0.3502


 13.3771, 0.6212,
0.3437


 16.5077, 0.5598,
0.3545

 13.2727, 0.6235,
0.3432

 18.9935, 0.5182,
0.3558

 22.1662, 0.4759,
0.3543

 26.0725, 0.4365,
0.3511

 30.7549, 0.4019,
0.3468

■ 36.2523, 0.3725,
0.3421

■ 42.6013, 0.3480,
0.3373

■ 49.8362, 0.3278,
0.3328

■ 57.9893, 0.3111,
0.3286

Harmonies

Analogous

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



14.6560, 0.5435, 0.2721



14.6560, 0.5955, 0.3502



14.6560, 0.5446, 0.4427

Triad

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



14.6560, 0.5955, 0.3502



14.6560, 0.1953, 0.5336



14.6560, 0.1504, 0.1334

Complementary

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



14.6560, 0.5955, 0.3502



32.6318, 0.2130, 0.2802

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.



14.6560, 0.1040, 0.1451



14.6560, 0.5955, 0.3502



14.6560, 0.1181, 0.3340

Square

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



14.6560, 0.5955, 0.3502



14.6560, 0.3119, 0.6201



14.6560, 0.0928, 0.2010



14.6560, 0.2455, 0.1528

Rectangle

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



14.6560, 0.5955, 0.3502



14.6560, 0.4779, 0.5165



14.6560, 0.0928, 0.2010



14.6560, 0.1304, 0.1336

Sweetspot

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



14.6569, 0.5955, 0.3502



65.1308, 0.3683, 0.3413



15.5943, 0.3619, 0.1818



13.1740, 0.3776, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



14.6569, 0.5955, 0.3502



23.0118, 0.6253, 0.3417



30.9458, 0.4792, 0.4485



10.9234, 0.3285, 0.3330



8.6255, 0.6216, 0.3447



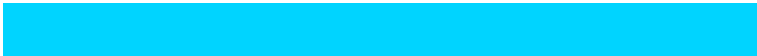
0.5014, 0.5844, 0.3742

Inverse Universe

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



32.6318, 0.2130, 0.2802



54.1421, 0.2091, 0.2727



10.1729, 0.1718, 0.1287



11.7489, 0.2984, 0.3250



20.1106, 0.2096, 0.2744



1.0357, 0.2131, 0.2870

Previews

White Background



This preview shows how the Yxy color 14.6560, 0.5955, 0.3502 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 14.6560, 0.5955, 0.3502 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 14.6560, 0.5955, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 14.6560, 0.5955, 0.3502.



This preview shows how white text looks on a background with the Yxy color 14.6560, 0.5955, 0.3502.

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

14.6560, 0.5955, 0.3502

Protanopia

14.9114, 0.4206, 0.4628

Deuteranopia

14.7370, 0.4702, 0.4649



Tritanopia

14.7150, 0.5688, 0.3280

Trichromacy



Original Color

14.6560, 0.5955, 0.3502

Protanomaly

13.4627, 0.4951, 0.4135

Deuteranomaly

13.7291, 0.5275, 0.4136

Tritanomaly

14.7138, 0.5817, 0.3377

Monochromacy



Original Color

14.6560, 0.5955, 0.3502

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.7596, 0.4317, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6560, 0.5955, 0.3502 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(199, 52, 22)` looks like.

```
.text, #text, p{  
    color:rgb(199, 52, 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(199, 52, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 52, 22) }
```

Border

The CSS property to change the border of an element to Yxy 14.6560, 0.5955, 0.3502 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(199, 52, 22) }
```

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

```
.border{ border-color:rgb(199, 52, 22) }
```

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

Here you see how a box with a 4 pixel rgb(199, 52, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 52, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 52, 22);  
box-shadow:4px 4px 4px 4px rgb(199, 52,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6560, 0.5955, 0.3502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 52, 22) }
```

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

```
.background{ background-color: rgb(199, 52,  
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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