

Converting Colors

$Yxy(14.4339, 0.5997, 0.3490)$

Have a look what the booklet for
Yxy(14.4339, 0.5997, 0.3490)
contains.

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Color

Yxy(14.4738, 0.5989, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	C73214
RGB	199, 50, 20
RGB Percent	78%, 20%, 8%
CMY	0.2197, 0.8038, 0.9217
CMYK	0.00, 0.75, 0.90, 0.22
HSL	10°, 82%, 43%
HSV	10°, 90%, 78%
XYZ	24.8164, 14.4738, 2.1464
YIQ	91.1310, 98.4340, 22.2580

Conversions

Conversions Part 2

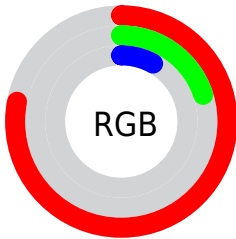
Format	Color
R_{YB}	199, 56, 20
Decimal	13054484
CIE _{Lab}	44.90, 57.05, 50.98
CIE _{LCh}	45, 76.511, 41.784
Yxy	14.4738, 0.5989, 0.3493
Android (android.graphics.Color)	4291244564 (0xFFC73214)
YUV	91.1310, -35.0676, 94.6011
Hunter-Lab	38.0444, 49.8577, 23.2861

Details

The Yxy color **14.4738, 0.5989, 0.3493** 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 **32.6164, 0.2128, 0.2802**, and the grayscale version is **10.5613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.2051, 0.5338, 0.3614**, and **5.2342, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.2546, 0.6237, 0.3429**, and if you desaturate by 10%, it is **16.2585, 0.5641, 0.3539**.

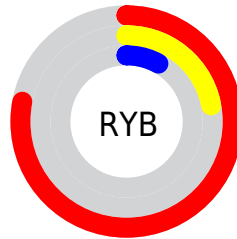
Distribution



Red (78%)

Green (20%)

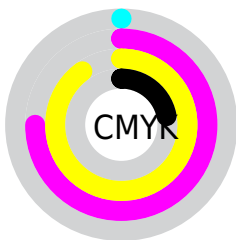
Blue (8%)



Red (78%)

Yellow (22%)

Blue (8%)

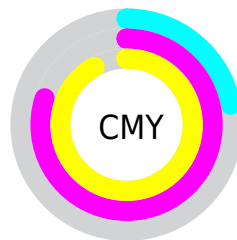


Cyan (0%)

Magenta (75%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (80%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4738, 0.5989, 0.3493 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 14.4738, 0.5989, 0.3493 by changing the saturation by 10% instead.


 14.4738, 0.5989,
0.3493


 14.4738, 0.5989,
0.3493


220.1588, 0.4385,
0.3585

 8.4509, 0.6386,
0.3359


 33.9274, 0.5395,
0.3603


 4.3848, 0.6879,
0.3121

 48.1269, 0.5171,
0.3619

 1.8911, 0.7347,
0.2653

 65.8207, 0.4984,
0.3623

 0.5430, 0.8169,
0.1831

 87.3933, 0.4825,
0.3620

 0.0000, 1.0000,
0.0000


 113.2290, 0.4690,
0.3613


 0.0000, 0.0000,
0.0000


 143.7122, 0.4574,

0.3605


 179.2273, 0.4474,
0.3595

 14.4738, 0.5989,
0.3493

 14.4738, 0.5989,
0.3493

 13.2546, 0.6237,
0.3429

 16.2585, 0.5641,
0.3539

 13.2507, 0.6238,
0.3429

 18.6734, 0.5227,
0.3554

 21.7726, 0.4802,
0.3543

 25.6034, 0.4404,
0.3512

 30.2090, 0.4052,
0.3470

■ 35.6290, 0.3752,
0.3424

■ 41.9005, 0.3502,
0.3377

■ 49.0579, 0.3296,
0.3332

■ 57.1342, 0.3127,
0.3290

Harmonies

Analogous

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



14.4738, 0.5470, 0.2710



14.4738, 0.5989, 0.3493



14.4738, 0.5469, 0.4430

Triad

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



14.4738, 0.5989, 0.3493



14.4738, 0.1932, 0.5374



14.4738, 0.1486, 0.1315

Complementary

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



14.4738, 0.5989, 0.3493



32.6164, 0.2128, 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.



14.4738, 0.1021, 0.1431



14.4738, 0.5989, 0.3493



14.4738, 0.1157, 0.3336

Square

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



14.4738, 0.5989, 0.3493



14.4738, 0.3106, 0.6246



14.4738, 0.0907, 0.1990



14.4738, 0.2445, 0.1510

Rectangle

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



14.4738, 0.5989, 0.3493



14.4738, 0.4793, 0.5183



14.4738, 0.0907, 0.1990



14.4738, 0.1285, 0.1316

Sweetspot

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



14.4747, 0.5989, 0.3493



65.0688, 0.3683, 0.3412



15.5092, 0.3625, 0.1815



13.1598, 0.3777, 0.3428



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.



14.4747, 0.5989, 0.3493



22.9752, 0.6256, 0.3414



30.7461, 0.4807, 0.4485



10.9200, 0.3285, 0.3329



8.6104, 0.6219, 0.3444



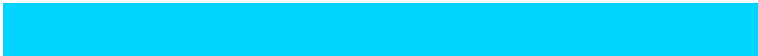
0.4999, 0.5849, 0.3738

Inverse Universe

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



32.6164, 0.2128, 0.2802



54.3933, 0.2093, 0.2734



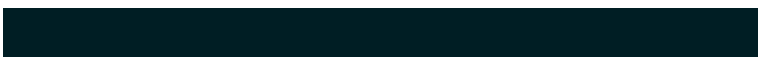
9.9566, 0.1709, 0.1266



11.7526, 0.2984, 0.3250



20.2009, 0.2098, 0.2751



1.0392, 0.2132, 0.2875

Previews

White Background



This preview shows how the Yxy color 14.4738, 0.5989, 0.3493 looks on a white background.

Color Contrast Check

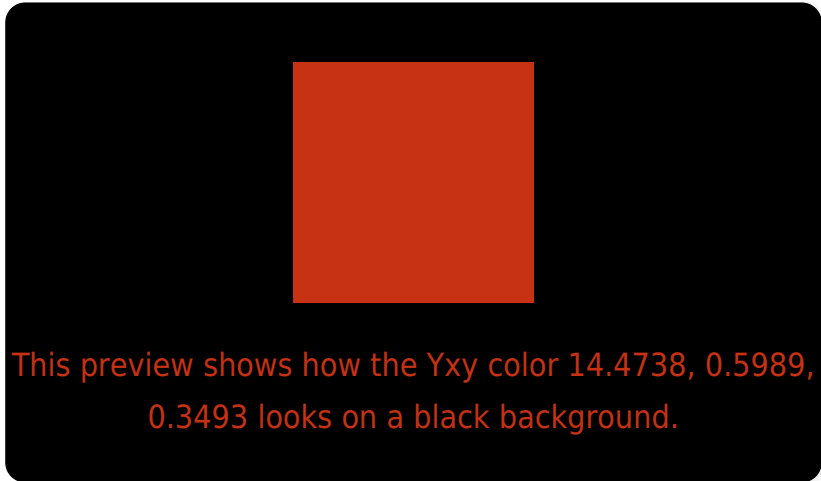
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4738, 0.5989, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 14.4738, 0.5989, 0.3493.



This preview shows how white text looks on a background with the Yxy color 14.4738, 0.5989, 0.3493.

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

14.4738, 0.5989, 0.3493

Protanopia

14.6240, 0.4213, 0.4635

Deuteranopia

14.6536, 0.4688, 0.4660



Tritanopia

14.5258, 0.5745, 0.3289

Trichromacy



Original Color

14.4738, 0.5989, 0.3493

Protanomaly

13.1338, 0.4993, 0.4113

Deuteranomaly

13.4710, 0.5287, 0.4133

Tritanomaly

14.5332, 0.5857, 0.3374

Monochromacy



Original Color

14.4738, 0.5989, 0.3493

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.2964, 0.4341, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4738, 0.5989, 0.3493 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, 50, 20)` looks like.

```
.text, #text, p{  
    color:rgb(199, 50, 20)  
}
```

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, 50, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 50, 20) }
```

Border

The CSS property to change the border of an element to Yxy 14.4738, 0.5989, 0.3493 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, 50, 20) }
```

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

```
.border{ border-color:rgb(199, 50, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 50, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 50, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 50, 20);  
box-shadow:4px 4px 4px 4px rgb(199, 50,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4738, 0.5989, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 50, 20) }
```

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

```
.background{ background-color: rgb(199, 50,  
20) }
```

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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