

Converting Colors

$Y_{xy}(14.6132, 0.5901, 0.3514)$

Have a look what the booklet for
Yxy(14.6132, 0.5901, 0.3514)
contains.

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Color

Yxy(14.5788, 0.5903, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	C53619
RGB	197, 54, 25
RGB Percent	77%, 21%, 10%
CMY	0.2275, 0.7881, 0.9022
CMYK	0.00, 0.73, 0.87, 0.23
HSL	10°, 78%, 44%
HSV	10°, 87%, 77%
XYZ	24.5181, 14.5788, 2.4381
YIQ	93.4510, 94.5370, 21.2970

Conversions

Conversions Part 2

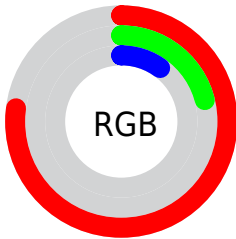
Format	Color
R_{YB}	197, 60, 25
Decimal	12924441
CIE Lab	45.05, 55.13, 48.89
CIE LCh	45, 73.688, 41.565
Yxy	14.5788, 0.5903, 0.3510
Android (android.graphics.Color)	4291114521 (0xFFC53619)
YUV	93.4510, -33.7463, 90.8125
Hunter-Lab	38.1822, 47.8023, 22.9416

Details

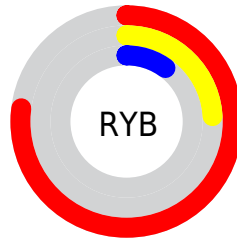
The Yxy color **14.5788, 0.5903, 0.3510** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **32.2066, 0.2138, 0.2815**, and the grayscale version is **11.1229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8929, 0.5275, 0.3613**, and **5.0683, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.2449, 0.6175, 0.3446**, and if you desaturate by 10%, it is **16.4856, 0.5532, 0.3548**.

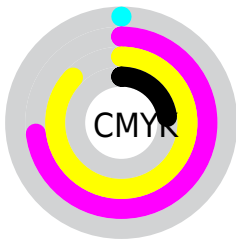
Distribution



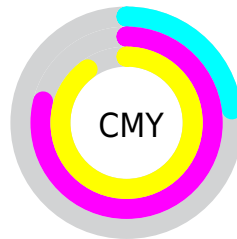
- Red (77%)
- Green (21%)
- Blue (10%)



- Red (77%)
- Yellow (24%)
- Blue (10%)



- Cyan (0%)
- Magenta (73%)
- Yellow (87%)
- Black (23%)





- Cyan (23%)
- Magenta (79%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5788, 0.5903, 0.3510 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 14.5788, 0.5903, 0.3510 by changing the saturation by 10% instead.


 14.5788, 0.5903,
0.3510


 14.5788, 0.5903,
0.3510


220.8024, 0.4337,
0.3576


 8.5243, 0.6294,
0.3386


 34.1126, 0.5317,
0.3604


 4.4322, 0.6820,
0.3180


 48.3606, 0.5098,
0.3616

 1.9182, 0.7279,
0.2721


 66.1087, 0.4916,
0.3617

 0.5593, 0.8084,
0.1916

 87.7411, 0.4763,
0.3613

 0.0000, 1.0000,
0.0000


 113.6423, 0.4632,
0.3605


 0.0000, 0.0000,
0.0000


 144.1966, 0.4520,


0.3596

 179.7886, 0.4422,
0.3586


 14.5788, 0.5903,
0.3510

 14.5788, 0.5903,
0.3510

 13.2449, 0.6175,
0.3446


 16.4856, 0.5532,
0.3548

 12.9734, 0.6235,
0.3431

 19.0213, 0.5112,
0.3555

 22.2367, 0.4691,
0.3538

 26.1766, 0.4304,
0.3503

 30.8819, 0.3967,
0.3459

■ 36.3906, 0.3681,
0.3412

■ 42.7378, 0.3444,
0.3365

■ 49.9569, 0.3248,
0.3321

■ 58.0791, 0.3087,
0.3279

Harmonies

Analogous

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



14.5788, 0.5376, 0.2733



14.5788, 0.5903, 0.3510



14.5788, 0.5417, 0.4418

Triad

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



14.5788, 0.5903, 0.3510



14.5788, 0.1991, 0.5290



14.5788, 0.1526, 0.1363

Complementary

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



14.5788, 0.5903, 0.3510



32.2066, 0.2138, 0.2815

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.



14.5788, 0.1068, 0.1484



14.5788, 0.5903, 0.3510



14.5788, 0.1220, 0.3358

Square

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



14.5788, 0.5903, 0.3510



14.5788, 0.3146, 0.6133



14.5788, 0.0960, 0.2045



14.5788, 0.2462, 0.1554

Rectangle

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



14.5788, 0.5903, 0.3510



14.5788, 0.4768, 0.5133



14.5788, 0.0960, 0.2045



14.5788, 0.1329, 0.1366

Sweetspot

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



14.5797, 0.5903, 0.3510



66.1871, 0.3657, 0.3408



15.4006, 0.3608, 0.1824



13.3774, 0.3750, 0.3425



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.



14.5797, 0.5903, 0.3510



22.9956, 0.6255, 0.3416



30.5900, 0.4767, 0.4484



10.9219, 0.3285, 0.3330



8.6188, 0.6217, 0.3446



0.5007, 0.5846, 0.3740

Inverse Universe

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



32.2066, 0.2138, 0.2815



54.2528, 0.2092, 0.2730



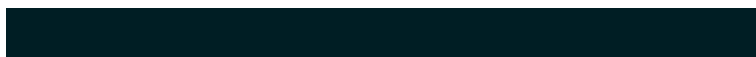
10.3153, 0.1734, 0.1324



11.7506, 0.2984, 0.3250



20.1504, 0.2097, 0.2747



1.0372, 0.2131, 0.2872

Previews

White Background



This preview shows how the Yxy color 14.5788, 0.5903, 0.3510 looks on a white background.

Color Contrast Check

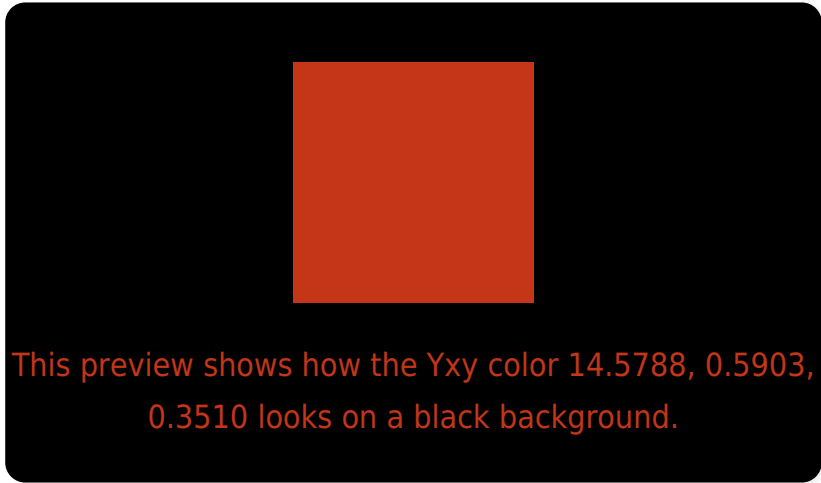
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5788, 0.5903, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 14.5788, 0.5903, 0.3510.



This preview shows how white text looks on a background with the Yxy color 14.5788, 0.5903, 0.3510.

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

14.5788, 0.5903, 0.3510

Protanopia

14.8581, 0.4166, 0.4599

Deuteranopia

14.7370, 0.4702, 0.4649



Tritanopia

14.6305, 0.5629, 0.3279

Trichromacy



Original Color

14.5788, 0.5903, 0.3510

Protanomaly

13.3852, 0.4910, 0.4113

Deuteranomaly

13.7858, 0.5243, 0.4154

Tritanomaly

14.6362, 0.5752, 0.3374

Monochromacy



Original Color

14.5788, 0.5903, 0.3510

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.8346, 0.4272, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5788, 0.5903, 0.3510 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(197, 54, 25)` looks like.

```
.text, #text, p{  
    color:rgb(197, 54, 25)  
}
```

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(197, 54, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 54, 25) }
```

Border

The CSS property to change the border of an element to Yxy 14.5788, 0.5903, 0.3510 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(197, 54, 25) }
```

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

```
.border{ border-color:rgb(197, 54, 25) }
```

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

Here you see how a box with a 4 pixel rgb(197, 54, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 54, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 54, 25);  
box-shadow:4px 4px 4px 4px rgb(197, 54,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5788, 0.5903, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 54, 25) }
```

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

```
.background{ background-color: rgb(197, 54,  
25) }
```

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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