

Converting Colors

$Yxy(14.9208, 0.5426, 0.3502)$

Have a look what the booklet for
Yxy(14.9208, 0.5426, 0.3502)
contains.

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Color

Yxy(14.9208, 0.5426, 0.3502)

Conversions

Conversions Part 1

Format	Color
Hex	BB4431
RGB	187, 68, 49
RGB Percent	73%, 27%, 19%
CMY	0.2666, 0.7334, 0.8078
CMYK	0.00, 0.64, 0.74, 0.27
HSL	8°, 58%, 46%
HSV	8°, 74%, 73%
XYZ	23.1183, 14.9208, 4.5674
YIQ	101.4150, 77.0230, 19.3190

Conversions

Conversions Part 2

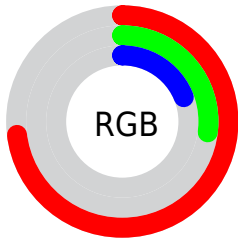
Format	Color
RYB	187, 71, 49
Decimal	12272689
CIELab	45.53, 46.91, 36.59
CIElCh	46, 59.494, 37.949
Yxy	14.9208, 0.5426, 0.3502
Android (android.graphics.Color)	4290462769 (0xFFBB4431)
YUV	101.4150, -25.8406, 75.0580
Hunter-Lab	38.6275, 39.2331, 20.0286

Details

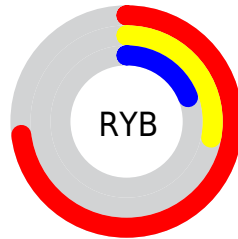
The Yxy color **14.9208, 0.5426, 0.3502** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **32.2582, 0.2235, 0.2974**, and the grayscale version is **13.1796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6590, 0.4905, 0.3540**, and **4.6054, 0.6327, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **13.1058, 0.5827, 0.3478**, and if you desaturate by 10%, it is **17.3397, 0.4990, 0.3502**.

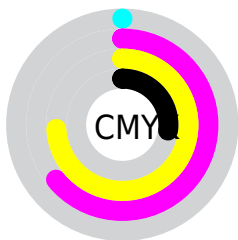
Distribution



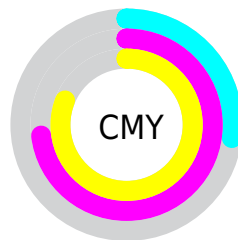
- Red (73%)
- Green (27%)
- Blue (19%)



- Red (73%)
- Yellow (28%)
- Blue (19%)



- Cyan (0%)
- Magenta (64%)
- Yellow (74%)
- Black (27%)




- Cyan (27%)
- Magenta (73%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9208, 0.5426, 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 14.9208, 0.5426, 0.3502 by changing the saturation by 10% instead.


 14.9208, 0.5426,
0.3502


 14.9208, 0.5426,
0.3502

222.8863, 0.4088,
0.3493


 8.7638, 0.5803,
0.3436


 34.7142, 0.4900,
0.3540


 4.5875, 0.6319,
0.3307

 49.1194, 0.4713,
0.3540


 2.0073, 0.6982,
0.3018

 67.0427, 0.4560,
0.3535

 0.6117, 0.7721,
0.2279

 88.8687, 0.4433,
0.3528

 0.0000, 1.0000,
0.0000

 114.9817, 0.4326,
0.3519

 0.0000, 0.0000,
0.0000

 145.7660, 0.4235,

0.3510

181.6061, 0.4157,
0.3502

■ 14.9208, 0.5426,
0.3502

■ 14.9208, 0.5426,
0.3502

■ 13.1058, 0.5827,
0.3478

■ 17.3397, 0.4990,
0.3502

■ 11.8381, 0.6136,
0.3429

■ 20.4072, 0.4569,
0.3482

■ 11.2938, 0.6277,
0.3398

■ 24.1667, 0.4190,
0.3451

■ 28.6571, 0.3866,
0.3414

■ 33.9145, 0.3594,
0.3376

■ 39.9724, 0.3371,
0.3338

■ 46.8624, 0.3188,
0.3303

■ 54.6145, 0.3038,
0.3270

■ 63.2570, 0.2914,
0.3240

Harmonies

Analogous

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



14.9208, 0.4834, 0.2786



14.9208, 0.5426, 0.3502



14.9208, 0.5195, 0.4288

Triad

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



14.9208, 0.5426, 0.3502



14.9208, 0.2352, 0.4980



14.9208, 0.1697, 0.1629

Complementary

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



14.9208, 0.5426, 0.3502



32.2582, 0.2235, 0.2974

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.



14.9208, 0.1315, 0.1801



14.9208, 0.5426, 0.3502



14.9208, 0.1592, 0.3559

Square

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



14.9208, 0.5426, 0.3502



14.9208, 0.3387, 0.5562



14.9208, 0.1268, 0.2393



14.9208, 0.2471, 0.1765

Rectangle

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



14.9208, 0.5426, 0.3502



14.9208, 0.4712, 0.4840



14.9208, 0.1268, 0.2393



14.9208, 0.1530, 0.1649

Sweetspot

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



14.9217, 0.5426, 0.3502



62.2030, 0.3559, 0.3370



15.6139, 0.3453, 0.1877



13.0910, 0.3626, 0.3381



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.



14.9217, 0.5426, 0.3502



21.8573, 0.6045, 0.3448



28.5133, 0.4584, 0.4369



9.7424, 0.3285, 0.3322



7.8435, 0.6262, 0.3410



0.3765, 0.5891, 0.3704

Inverse Universe

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



32.2582, 0.2235, 0.2974



54.0364, 0.2153, 0.2894



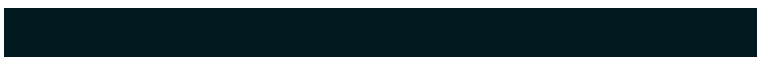
13.2809, 0.1920, 0.1728



10.5796, 0.2985, 0.3258



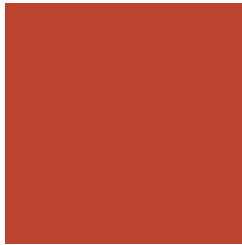
20.1792, 0.2126, 0.2854



0.8530, 0.2158, 0.2968

Previews

White Background



This preview shows how the Yxy color 14.9208, 0.5426, 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 14.9208, 0.5426, 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 14.9208, 0.5426, 0.3502

Background



This preview shows how black text looks on a background with the Yxy color 14.9208, 0.5426, 0.3502.



This preview shows how white text looks on a background with the Yxy color 14.9208, 0.5426, 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

14.9208, 0.5426, 0.3502

Protanopia

15.2070, 0.3884, 0.4235

Deuteranopia

15.0115, 0.4425, 0.4358



Tritanopia

14.9016, 0.5168, 0.3249

Trichromacy



Original Color

14.9208, 0.5426, 0.3502

Protanomaly

14.2301, 0.4483, 0.3927

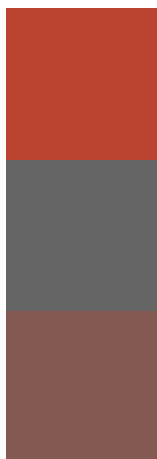
Deuteranomaly

14.3642, 0.4839, 0.3986

Tritanomaly

14.9356, 0.5271, 0.3342

Monochromacy



Original Color

14.9208, 0.5426, 0.3502

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.6595, 0.3957, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9208, 0.5426, 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(187, 68, 49)` looks like.

```
.text, #text, p{  
    color:rgb(187, 68, 49)  
}
```

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, 68, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 68, 49) }
```

Border

The CSS property to change the border of an element to Yxy 14.9208, 0.5426, 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(187, 68, 49) }
```

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

```
.border{ border-color:rgb(187, 68, 49) }
```

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

Here you see how a box with a 4 pixel rgb(187, 68, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 68, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 68, 49);  
box-shadow:4px 4px 4px 4px rgb(187, 68,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9208, 0.5426, 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(187, 68, 49) }
```

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

```
.background{ background-color: rgb(187, 68,  
49) }
```

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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