

Converting Colors

$Y_{xy}(14.6179, 0.5859, 0.3720)$

Have a look what the booklet for
Yxy(14.6179, 0.5859, 0.3720)
contains.

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Color

Yxy(14.6183, 0.5864, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	BE4002
RGB	190, 64, 2
RGB Percent	75%, 25%, 1%
CMY	0.2549, 0.7490, 0.9924
CMYK	0.00, 0.66, 0.99, 0.25
HSL	20°, 98%, 38%
HSV	20°, 99%, 75%
XYZ	23.0807, 14.6183, 1.6610
YIQ	94.6060, 94.9980, 7.4300

Conversions

Conversions Part 2

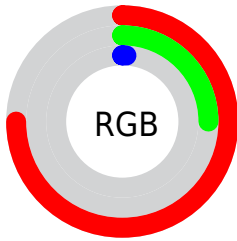
Format	Color
R_{YB}	190, 95, 2
Decimal	12468226
CIE _{Lab}	45.11, 48.55, 55.75
CIE _{LCh}	45, 73.930, 48.951
Yxy	14.6183, 0.5864, 0.3714
Android (android.graphics.Color)	4290658306 (0xFFBE4002)
YUV	94.6060, -45.6548, 83.6605
Hunter-Lab	38.2339, 40.8460, 24.1880

Details

The Yxy color **14.6183, 0.5864, 0.3714** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **19.1570, 0.1942, 0.2184**, and the grayscale version is **11.4377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3332, 0.5314, 0.3792**, and **4.5892, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.4694, 0.5890, 0.3706**, and if you desaturate by 10%, it is **16.2723, 0.5601, 0.3796**.

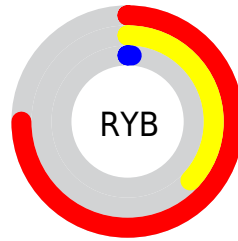
Distribution



Red (75%)

Green (25%)

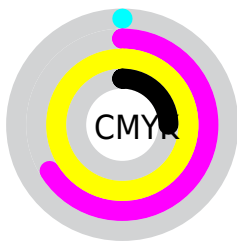
Blue (1%)



Red (75%)

Yellow (37%)

Blue (1%)

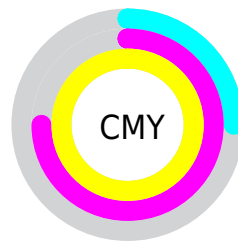


Cyan (0%)

Magenta (66%)

Yellow (99%)

Black (25%)



Cyan (25%)


Magenta (75%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6183, 0.5864, 0.3714 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 14.6183, 0.5864, 0.3714 by changing the saturation by 10% instead.


 14.6183, 0.5864,
0.3714


 14.6183, 0.5864,
0.3714


 221.0441, 0.4355,
0.3693


 8.5519, 0.6244,
0.3615


 34.1822, 0.5317,
0.3787


 4.4501, 0.6628,
0.3372


 48.4485, 0.5106,
0.3787

 1.9284, 0.7060,
0.2940


 66.2168, 0.4929,
0.3777

 0.5654, 0.7851,
0.2149

 87.8717, 0.4778,
0.3763


 0.0000, 1.0000,
0.0000


 113.7975, 0.4649,
0.3745

 0.0000, 0.0000,
0.0000


 144.3786, 0.4537,

0.3728


 179.9993, 0.4440,
0.3710

 14.6183, 0.5864,
0.3714


 14.6183, 0.5864,
0.3714


 14.4694, 0.5890,
0.3706

 16.2723, 0.5601,
0.3796

 18.3229, 0.5282,
0.3836

 20.8042, 0.4932,
0.3829

 23.7418, 0.4580,
0.3784

 27.1590, 0.4248,
0.3714

■ 31.0775, 0.3950,
0.3630

■ 35.5173, 0.3689,
0.3540

■ 40.4974, 0.3465,
0.3450

■ 46.0359, 0.3274,
0.3363

Harmonies

Analogous

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



14.6183, 0.5620, 0.2918



14.6183, 0.5864, 0.3714



14.6183, 0.5204, 0.4679

Triad

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



14.6183, 0.5864, 0.3714



14.6183, 0.1748, 0.4837



14.6183, 0.1704, 0.1380

Complementary

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



14.6183, 0.5864, 0.3714



19.1570, 0.1942, 0.2184

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.



14.6183, 0.1142, 0.1419



14.6183, 0.5864, 0.3714



14.6183, 0.1110, 0.2948

Square

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



14.6183, 0.5864, 0.3714



14.6183, 0.2846, 0.6111



14.6183, 0.0954, 0.1849



14.6183, 0.2779, 0.1643

Rectangle

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



14.6183, 0.5864, 0.3714



14.6183, 0.4484, 0.5394



14.6183, 0.0954, 0.1849



14.6183, 0.1467, 0.1358

Sweetspot

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



14.6192, 0.5864, 0.3714



63.0798, 0.3726, 0.3553



12.6143, 0.4198, 0.2091



13.0852, 0.3835, 0.3592



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



14.6192, 0.5864, 0.3714



25.8148, 0.5917, 0.3684



34.5716, 0.4552, 0.4761



10.0368, 0.3280, 0.3366



9.7502, 0.5866, 0.3724



0.5043, 0.5390, 0.4102

Inverse Universe

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



19.1570, 0.1942, 0.2184



33.9127, 0.1931, 0.2152



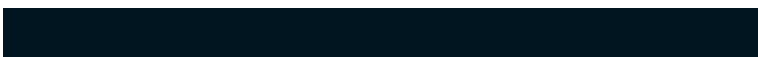
5.0182, 0.1553, 0.0782



10.2645, 0.2985, 0.3213



12.7663, 0.1941, 0.2188



0.6151, 0.2023, 0.2483

Previews

White Background



This preview shows how the Yxy color 14.6183, 0.5864, 0.3714 looks on a white background.

Color Contrast Check

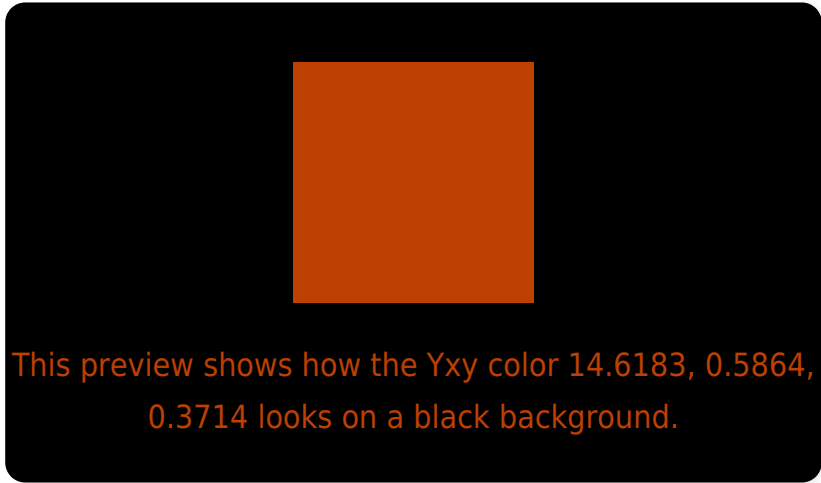
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6183, 0.5864, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 14.6183, 0.5864, 0.3714.



This preview shows how white text looks on a background with the Yxy color 14.6183, 0.5864, 0.3714.

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

14.6183, 0.5864, 0.3714

Protanopia

14.8406, 0.4309, 0.4782

Tritanopia

14.6670, 0.5341, 0.3264

Trichromacy



Original Color

14.6183, 0.5864, 0.3714

Protanomaly

13.7943, 0.4960, 0.4343

Tritanomaly

14.5739, 0.5635, 0.3487

Monochromacy



Original Color

14.6183, 0.5864, 0.3714

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.4234, 0.4325, 0.3737

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6183, 0.5864, 0.3714 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(190, 64, 2)` looks like.

```
.text, #text, p{  
    color:rgb(190, 64, 2)  
}
```

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(190, 64, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 64, 2) }
```

Border

The CSS property to change the border of an element to Yxy 14.6183, 0.5864, 0.3714 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(190, 64, 2) }
```

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

```
.border{ border-color:rgb(190, 64, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 64, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 64, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 64, 2);  
box-shadow:4px 4px 4px 4px rgb(190, 64, 2)  
}
```

Background

The CSS property to change the background color of an element to Yxy 14.6183, 0.5864, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 64, 2) }
```

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

```
.background{ background-color: rgb(190, 64,  
2) }
```

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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