

Converting Colors

$Yxy(13.7026, 0.6138, 0.3498)$

Have a look what the booklet for
Yxy(13.7026, 0.6138, 0.3498)
contains.

Yxy(13.6025, 0.6140, 0.3494)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.6025, 0.6140, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	C52B02
RGB	197, 43, 2
RGB Percent	77%, 17%, 1%
CMY	0.2274, 0.8314, 0.9919
CMYK	0.00, 0.78, 0.99, 0.23
HSL	13°, 98%, 39%
HSV	13°, 99%, 77%
XYZ	23.9036, 13.6025, 1.4249
YIQ	84.3720, 104.9450, 19.8970

Conversions

Conversions Part 2

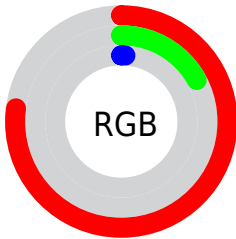
Format	Color
R_{YB}	197, 54, 2
Decimal	12921602
CIE Lab	43.66, 58.46, 55.73
CIE LCh	44, 80.767, 43.628
Yxy	13.6025, 0.6140, 0.3494
Android (android.graphics.Color)	4291111682 (0xFFC52B02)
YUV	84.3720, -40.6094, 98.7748
Hunter-Lab	36.8816, 51.1465, 23.5265

Details

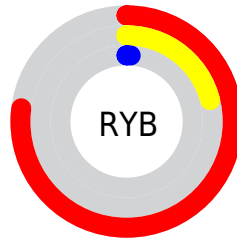
The Yxy color **13.6025, 0.6140, 0.3494** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **27.8517, 0.2059, 0.2605**, and the grayscale version is **9.0167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.0483, 0.5493, 0.3652**, and **4.9865, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.4827, 0.6165, 0.3487**, and if you desaturate by 10%, it is **15.0112, 0.5875, 0.3568**.

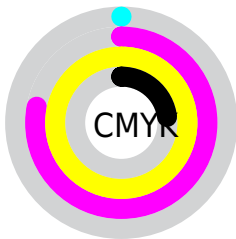
Distribution



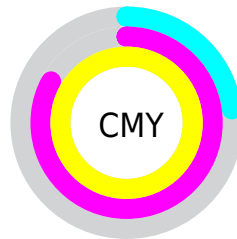
- Red (77%)
- Green (17%)
- Blue (1%)



- Red (77%)
- Yellow (21%)
- Blue (1%)



- Cyan (0%)
- Magenta (78%)
- Yellow (99%)
- Black (23%)




- Cyan (23%)
- Magenta (83%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 13.6025, 0.6140, 0.3494 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 13.6025, 0.6140, 0.3494 by changing the saturation by 10% instead.


 13.6025, 0.6140,
0.3494


 13.6025, 0.6140,
0.3494


 214.7437, 0.4471,
0.3626


 7.8447, 0.6578,
0.3354


 32.3820, 0.5536,
0.3634


 3.9958, 0.6967,
0.3033

 46.1726, 0.5303,
0.3656


 1.6712, 0.7463,
0.2537

 63.4095, 0.5106,
0.3664

 0.4049, 0.8465,
0.1535

 84.4772, 0.4939,
0.3662


 0.0000, 1.0000,
0.0000


 109.7601, 0.4796,
0.3656


 0.0000, 0.0000,
0.0000


 139.6426, 0.4672,

0.3647

 174.5090, 0.4565,
0.3637


 13.6025, 0.6140,
0.3494


 13.6025, 0.6140,
0.3494


 13.4827, 0.6165,
0.3487

 15.0112, 0.5875,
0.3568

 16.9487, 0.5522,
0.3615

 19.4698, 0.5120,
0.3624

 22.6181, 0.4714,
0.3603

 26.4329, 0.4335,
0.3562

■ 30.9503, 0.4001,
0.3509

■ 36.2035, 0.3715,
0.3451

■ 42.2238, 0.3476,
0.3393

■ 49.0405, 0.3276,
0.3337

Harmonies

Analogous

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



13.6025, 0.5708, 0.2701



13.6025, 0.6140, 0.3494



13.6025, 0.5507, 0.4493

Triad

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



13.6025, 0.6140, 0.3494



13.6025, 0.1763, 0.5440



13.6025, 0.1446, 0.1228

Complementary

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



13.6025, 0.6140, 0.3494



27.8517, 0.2059, 0.2605

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.



13.6025, 0.0948, 0.1318



13.6025, 0.6140, 0.3494



13.6025, 0.1018, 0.3194

Square

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



13.6025, 0.6140, 0.3494



13.6025, 0.2958, 0.6475



13.6025, 0.0808, 0.1842



13.6025, 0.2477, 0.1447

Rectangle

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



13.6025, 0.6140, 0.3494



13.6025, 0.4723, 0.5277



13.6025, 0.0808, 0.1842



13.6025, 0.1232, 0.1221

Sweetspot

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



13.6033, 0.6140, 0.3494



63.3274, 0.3755, 0.3460



14.3862, 0.3785, 0.1863



12.6761, 0.3875, 0.3484



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.



13.6033, 0.6140, 0.3494



23.8548, 0.6187, 0.3470



30.2053, 0.4835, 0.4535



10.9918, 0.3284, 0.3339



8.9666, 0.6144, 0.3503



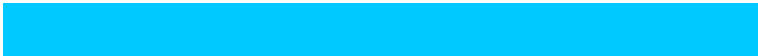
0.5324, 0.5738, 0.3826

Inverse Universe

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



27.8517, 0.2059, 0.2605



49.2127, 0.2052, 0.2586



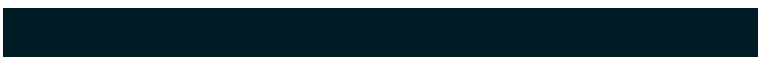
7.3345, 0.1616, 0.1009



11.6749, 0.2984, 0.3240



18.3364, 0.2058, 0.2607



0.9659, 0.2102, 0.2765

Previews

White Background



This preview shows how the Yxy color 13.6025, 0.6140, 0.3494 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 13.6025, 0.6140, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 13.6025, 0.6140, 0.3494.



This preview shows how white text looks on a background with the Yxy color 13.6025, 0.6140, 0.3494.

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

13.6025, 0.6140, 0.3494

Protanopia

13.9469, 0.4276, 0.4755

Deuteranopia

13.7490, 0.4686, 0.4661



Tritanopia

13.5411, 0.5886, 0.3298

Trichromacy



Original Color

13.6025, 0.6140, 0.3494

Protanomaly

12.1801, 0.5131, 0.4178

Deuteranomaly

12.5627, 0.5355, 0.4122

Tritanomaly

13.5308, 0.6022, 0.3395

Monochromacy



Original Color

13.6025, 0.6140, 0.3494

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.8826, 0.4547, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.6025, 0.6140, 0.3494 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, 43, 2)` looks like.

```
.text, #text, p{  
    color:rgb(197, 43, 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(197, 43, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 43, 2) }
```

Border

The CSS property to change the border of an element to Yxy 13.6025, 0.6140, 0.3494 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, 43, 2) }
```

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

```
.border{ border-color:rgb(197, 43, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 43, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 43, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 43, 2);  
box-shadow:4px 4px 4px 4px rgb(197, 43, 2)  
}
```


Background

The CSS property to change the background color of an element to Yxy 13.6025, 0.6140, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 43, 2) }
```

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

```
.background{ background-color: rgb(197, 43,  
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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