

Converting Colors

$Y_{xy}(13.8041, 0.5645, 0.3524)$

Have a look what the booklet for
Yxy(13.8041, 0.5645, 0.3524)
contains.

Yxy(13.9102, 0.5644, 0.3528)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.9102, 0.5644, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	BA3D25
RGB	186, 61, 37
RGB Percent	73%, 24%, 15%
CMY	0.2706, 0.7608, 0.8548
CMYK	0.00, 0.67, 0.80, 0.27
HSL	10°, 67%, 44%
HSV	10°, 80%, 73%
XYZ	22.2532, 13.9102, 3.2646
YIQ	95.6390, 82.2040, 19.0360

Conversions

Conversions Part 2

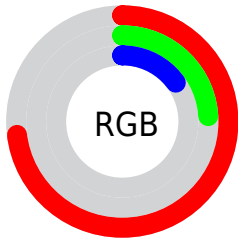
Format	Color
RYB	186, 66, 37
Decimal	12205349
CIELab	44.10, 49.10, 41.49
CIElCh	44, 64.285, 40.201
Yxy	13.9102, 0.5644, 0.3528
Android (android.graphics.Color)	4290395429 (0xFFBA3D25)
YUV	95.6390, -28.9090, 79.2466
Hunter-Lab	37.2964, 41.2347, 20.9177

Details

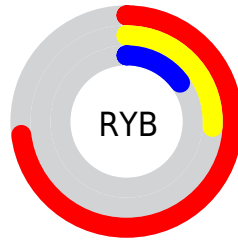
The Yxy color **13.9102, 0.5644, 0.3528** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29.7891, 0.2182, 0.2882**, and the grayscale version is **11.6630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0413, 0.5079, 0.3586**, and **4.3600, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **12.3917, 0.5993, 0.3484**, and if you desaturate by 10%, it is **15.9747, 0.5230, 0.3543**.

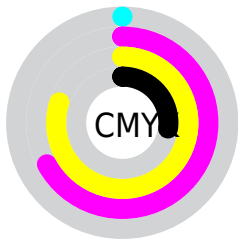
Distribution



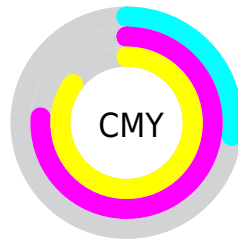
- Red (73%)
- Green (24%)
- Blue (15%)



- Red (73%)
- Yellow (26%)
- Blue (15%)



- Cyan (0%)
- Magenta (67%)
- Yellow (80%)
- Black (27%)





- Cyan (27%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9102, 0.5644, 0.3528 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 13.9102, 0.5644, 0.3528 by changing the saturation by 10% instead.


 13.9102, 0.5644,
0.3528


 13.9102, 0.5644,
0.3528

216.6715, 0.4185,
0.3536


 8.0582, 0.6039,
0.3436


 32.9296, 0.5078,
0.3585


 4.1322, 0.6678,
0.3319

 46.8658, 0.4874,
0.3588


 1.7478, 0.7134,
0.2866

 64.2656, 0.4706,
0.3584

 0.4543, 0.8072,
0.1928

 85.5133, 0.4566,
0.3576

 0.0000, 1.0000,
0.0000

 110.9934, 0.4448,
0.3566

 0.0000, 0.0000,
0.0000

 141.0901, 0.4348,

0.3556

176.1880, 0.4261,
0.3546

13.9102, 0.5644,
0.3528

13.9102, 0.5644,
0.3528

12.3917, 0.5993,
0.3484

15.9747, 0.5230,
0.3543

11.3646, 0.6243,
0.3425

18.6289, 0.4804,
0.3532

21.9147, 0.4405,
0.3502

25.8696, 0.4053,
0.3463

30.5280, 0.3753,
0.3418

■ 35.9220, 0.3504,
0.3374

■ 42.0816, 0.3298,
0.3331

■ 49.0353, 0.3129,
0.3290

■ 56.8099, 0.2989,
0.3253

Harmonies

Analogous

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



13.9102, 0.5087, 0.2779



13.9102, 0.5644, 0.3528



13.9102, 0.5289, 0.4368

Triad

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



13.9102, 0.5644, 0.3528



13.9102, 0.2179, 0.5090



13.9102, 0.1631, 0.1508

Complementary

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



13.9102, 0.5644, 0.3528



29.7891, 0.2182, 0.2882

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.



13.9102, 0.1206, 0.1651



13.9102, 0.5644, 0.3528



13.9102, 0.1415, 0.3450

Square

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



13.9102, 0.5644, 0.3528



13.9102, 0.3270, 0.5808



13.9102, 0.1125, 0.2224



13.9102, 0.2486, 0.1675

Rectangle

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



13.9102, 0.5644, 0.3528



13.9102, 0.4723, 0.4982



13.9102, 0.1125, 0.2224



13.9102, 0.1447, 0.1519

Sweetspot

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



13.9110, 0.5644, 0.3528



60.7335, 0.3606, 0.3393



14.4322, 0.3522, 0.1843



12.6150, 0.3697, 0.3409



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.



13.9110, 0.5644, 0.3528



20.9852, 0.6183, 0.3435



27.5849, 0.4675, 0.4434



9.2395, 0.3284, 0.3327



7.7198, 0.6225, 0.3439



0.3456, 0.5793, 0.3782

Inverse Universe

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



29.7891, 0.2182, 0.2882



50.0661, 0.2111, 0.2783



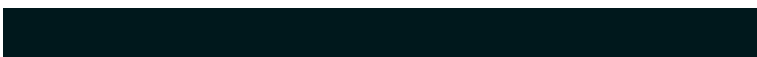
11.1121, 0.1829, 0.1538



9.9578, 0.2985, 0.3252



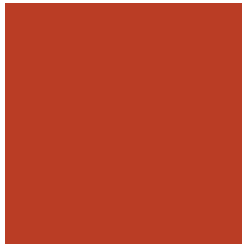
18.4880, 0.2105, 0.2777



0.7184, 0.2145, 0.2922

Previews

White Background



This preview shows how the Yxy color 13.9102, 0.5644, 0.3528 looks on a white background.

Color Contrast Check

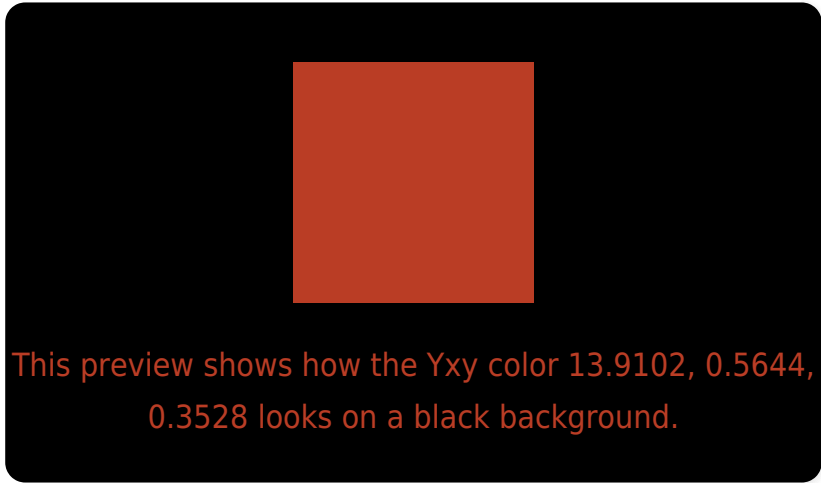
Large Text (above 18pt) WCAG AA ✓ Pass

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

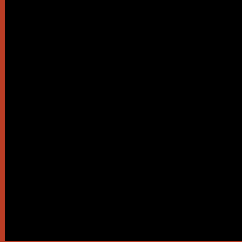
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 13.9102, 0.5644, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 13.9102, 0.5644, 0.3528.



This preview shows how white text looks on a background with the Yxy color 13.9102, 0.5644, 0.3528.

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

13.9102, 0.5644, 0.3528

Protanopia

14.0379, 0.4030, 0.4416

Deuteranopia

14.0945, 0.4556, 0.4503



Tritanopia

13.9278, 0.5354, 0.3264

Trichromacy



Original Color

13.9102, 0.5644, 0.3528

Protanomaly

12.9969, 0.4664, 0.4033

Deuteranomaly

13.4247, 0.5021, 0.4082

Tritanomaly

13.9407, 0.5483, 0.3370

Monochromacy



Original Color

13.9102, 0.5644, 0.3528

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.3616, 0.4075, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9102, 0.5644, 0.3528 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(186, 61, 37)` looks like.

```
.text, #text, p{  
    color:rgb(186, 61, 37)  
}
```

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(186, 61, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 61, 37) }
```

Border

The CSS property to change the border of an element to Yxy 13.9102, 0.5644, 0.3528 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(186, 61, 37) }
```

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

```
.border{ border-color:rgb(186, 61, 37) }
```

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

Here you see how a box with a 4 pixel rgb(186, 61, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 61, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 61, 37);  
box-shadow:4px 4px 4px 4px rgb(186, 61,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9102, 0.5644, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 61, 37) }
```

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

```
.background{ background-color: rgb(186, 61,  
37) }
```

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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