

Converting Colors

$Yxy(14.0316, 0.5093, 0.3577)$

Have a look what the booklet for
Yxy(14.0316, 0.5093, 0.3577)
contains.

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Color

Yxy(14.1026, 0.5087, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	AB4C37
RGB	171, 76, 55
RGB Percent	67%, 30%, 22%
CMY	0.3294, 0.7019, 0.7843
CMYK	0.00, 0.56, 0.68, 0.33
HSL	11°, 51%, 44%
HSV	11°, 68%, 67%
XYZ	20.0671, 14.1026, 5.2781
YIQ	102.0110, 63.3610, 13.6090

Conversions

Conversions Part 2

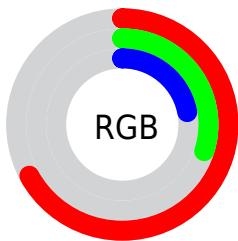
Format	Color
RYB	171, 81, 55
Decimal	11226167
CIELab	44.38, 37.47, 31.18
CIElCh	44, 48.746, 39.764
Yxy	14.1026, 0.5087, 0.3575
Android (android.graphics.Color)	4289416247 (0xFFAB4C37)
YUV	102.0110, -23.1764, 60.5034
Hunter-Lab	37.5534, 29.6651, 17.9542

Details

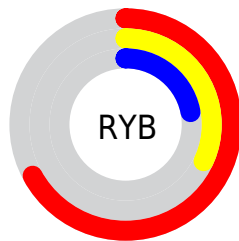
The Yxy color **14.1026, 0.5087, 0.3575** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **25.5562, 0.2258, 0.2911**, and the grayscale version is **13.3403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4065, 0.4610, 0.3572**, and **4.2301, 0.5916, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **12.2428, 0.5500, 0.3569**, and if you desaturate by 10%, it is **16.4407, 0.4676, 0.3555**.

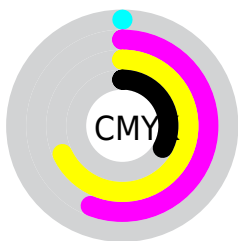
Distribution



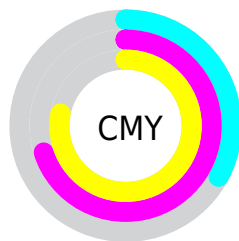
- Red (67%)
- Green (30%)
- Blue (22%)



- Red (67%)
- Yellow (32%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (68%)
- Black (33%)





- Cyan (33%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1026, 0.5087, 0.3575 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 14.1026, 0.5087, 0.3575 by changing the saturation by 10% instead.


 14.1026, 0.5087,
0.3575


 14.1026, 0.5087,
0.3575


217.8682, 0.3925,
0.3489

 8.1921, 0.5435,
0.3547


 33.2710, 0.4619,
0.3571


 4.2181, 0.5911,
0.3465

 47.2976, 0.4457,
0.3560


 1.7963, 0.6691,
0.3309

 64.7983, 0.4325,
0.3547

 0.4849, 0.7553,
0.2447

 86.1576, 0.4217,
0.3534

 0.0000, 1.0000,
0.0000

 111.7599, 0.4126,
0.3521

 0.0000, 0.0000,
0.0000

 141.9895, 0.4049,

0.3510

177.2308, 0.3982,
0.3499

■ 14.1026, 0.5087,
0.3575

■ 14.1026, 0.5087,
0.3575

■ 12.2428, 0.5500,
0.3569

■ 16.4407, 0.4676,
0.3555

■ 10.8251, 0.5867,
0.3532

■ 19.2850, 0.4297,
0.3518

■ 9.8097, 0.6148,
0.3469

■ 22.6641, 0.3966,
0.3472

■ 9.6360, 0.6202,
0.3458

■ 26.6037, 0.3685,
0.3422

■ 31.1279, 0.3450,
0.3372

■ 36.2593, 0.3256,
0.3325

■ 42.0192, 0.3095,
0.3281

■ 48.4281, 0.2962,
0.3240

■ 55.5054, 0.2852,
0.3203

Harmonies

Analogous

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



14.1026, 0.4607, 0.2916



14.1026, 0.5087, 0.3575



14.1026, 0.4905, 0.4275

Triad

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



14.1026, 0.5087, 0.3575



14.1026, 0.2449, 0.4602



14.1026, 0.1918, 0.1837

Complementary

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



14.1026, 0.5087, 0.3575



25.5562, 0.2258, 0.2911

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.



14.1026, 0.1547, 0.1990



14.1026, 0.5087, 0.3575



14.1026, 0.1786, 0.3467

Square

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



14.1026, 0.5087, 0.3575



14.1026, 0.3352, 0.5171



14.1026, 0.1496, 0.2509



14.1026, 0.2631, 0.1971

Rectangle

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



14.1026, 0.5087, 0.3575



14.1026, 0.4501, 0.4725



14.1026, 0.1496, 0.2509



14.1026, 0.1758, 0.1854

Sweetspot

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



14.1034, 0.5087, 0.3575



53.6152, 0.3505, 0.3385



13.6446, 0.3480, 0.1995



11.4560, 0.3568, 0.3398



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



14.1034, 0.5087, 0.3575



20.6673, 0.5677, 0.3556



25.5237, 0.4408, 0.4364



8.2414, 0.3282, 0.3332



7.3227, 0.6187, 0.3469



0.2718, 0.5671, 0.3880

Inverse Universe

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



25.5562, 0.2258, 0.2911



42.2812, 0.2157, 0.2816



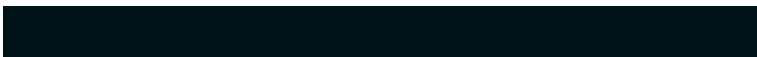
11.6972, 0.1994, 0.1808



8.8215, 0.2986, 0.3248



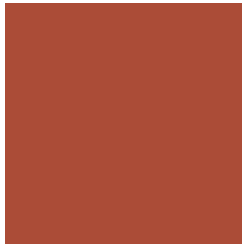
16.4295, 0.2086, 0.2710



0.5204, 0.2140, 0.2904

Previews

White Background



This preview shows how the Yxy color 14.1026, 0.5087, 0.3575 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 14.1026, 0.5087, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

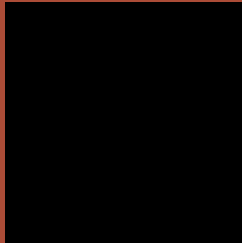
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1026, 0.5087, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 14.1026, 0.5087, 0.3575.



This preview shows how white text looks on a background with the Yxy color 14.1026, 0.5087, 0.3575.

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

14.1026, 0.5087, 0.3575

Protanopia

14.3346, 0.3810, 0.4145

Deuteranopia

14.2835, 0.4279, 0.4234



Tritanopia

14.0858, 0.4754, 0.3224

Trichromacy



Original Color

14.1026, 0.5087, 0.3575

Protanomaly

13.6722, 0.4281, 0.3921

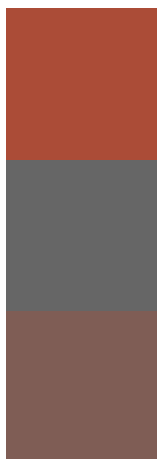
Deuteranomaly

13.9220, 0.4590, 0.3963

Tritanomaly

14.1104, 0.4884, 0.3351

Monochromacy



Original Color

14.1026, 0.5087, 0.3575

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

12.9966, 0.3800, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1026, 0.5087, 0.3575 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(171, 76, 55)` looks like.

```
.text, #text, p{  
    color:rgb(171, 76, 55)  
}
```

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(171, 76, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 76, 55) }
```

Border

The CSS property to change the border of an element to Yxy 14.1026, 0.5087, 0.3575 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(171, 76, 55) }
```

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

```
.border{ border-color:rgb(171, 76, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 76, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 76, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 76, 55);  
box-shadow:4px 4px 4px 4px rgb(171, 76,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1026, 0.5087, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 76, 55) }
```

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

```
.background{ background-color: rgb(171, 76,  
55) }
```

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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