

Converting Colors

$Y_{xy}(14.0735, 0.5027, 0.4269)$

Have a look what the booklet for
Yxy(14.0735, 0.5027, 0.4269)
contains.

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Color

Yxy(14.0989, 0.5024, 0.4268)

Conversions

Conversions Part 1

Format	Color
Hex	975B10
RGB	151, 91, 16
RGB Percent	59%, 36%, 6%
CMY	0.4079, 0.6431, 0.9370
CMYK	0.00, 0.40, 0.89, 0.41
HSL	33°, 81%, 33%
HSV	33°, 89%, 59%
XYZ	16.5963, 14.0989, 2.3388
YIQ	100.3900, 59.8350, -10.6050

Conversions

Conversions Part 2

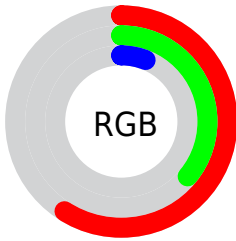
Format	Color
R_{YB}	124, 151, 16
Decimal	9919248
CIE _{Lab}	44.37, 19.23, 48.50
CIE _{LCh}	44, 52.172, 68.371
Yxy	14.0989, 0.5024, 0.4268
Android (android.graphics.Color)	4288109328 (0xFF975B10)
YUV	100.3900, -41.6043, 44.3850
Hunter-Lab	37.5485, 13.1863, 22.5909

Details

The Yxy color **14.0989, 0.5024, 0.4268** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.5185, 0.1816, 0.1628**, and the grayscale version is **12.9481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1687, 0.4630, 0.4134**, and **4.2565, 0.5372, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **12.9673, 0.5213, 0.4235**, and if you desaturate by 10%, it is **15.3613, 0.4811, 0.4259**.

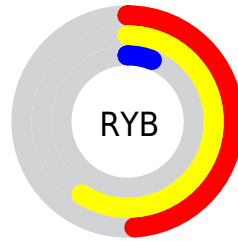
Distribution



Red (59%)

Green (36%)

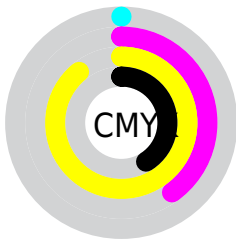
Blue (6%)



Red (49%)

Yellow (59%)

Blue (6%)

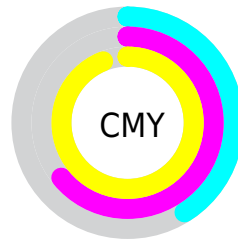


Cyan (0%)

Magenta (40%)

Yellow (89%)

Black (41%)



Cyan (41%)


Magenta (64%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0989, 0.5024, 0.4268 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 14.0989, 0.5024, 0.4268 by changing the saturation by 10% instead.


 14.0989, 0.5024,
0.4268


 14.0989, 0.5024,
0.4268


217.8452, 0.3956,
0.3813


 8.1895, 0.5289,
0.4314


 33.2644, 0.4625,
0.4138


 4.2164, 0.5655,
0.4345

 47.2893, 0.4475,
0.4075


 1.7954, 0.5891,
0.4109

 64.7881, 0.4351,
0.4018

 0.4843, 0.6583,
0.3417


 86.1453, 0.4246,
0.3967


 0.0000, 0.0000,
0.0000

 111.7452, 0.4157,
0.3921

 141.9722, 0.4081,


0.3881


 177.2108, 0.4014,
0.3845


 14.0989, 0.5024,
0.4268


 14.0989, 0.5024,
0.4268


 12.9673, 0.5213,
0.4235


 15.3613, 0.4811,
0.4259

 12.8993, 0.5225,
0.4233

 16.7656, 0.4574,
0.4202

 18.3195, 0.4329,
0.4106

 20.0295, 0.4086,
0.3984

 21.9013, 0.3855,
0.3846

■ 23.9404, 0.3641,
0.3701

■ 26.1518, 0.3446,
0.3556

■ 28.5404, 0.3272,
0.3415

■ 31.1108, 0.3118,
0.3282

Harmonies

Analogous

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



14.0989, 0.5206, 0.3535



14.0989, 0.5024, 0.4268



14.0989, 0.4328, 0.4977

Triad

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



14.0989, 0.5024, 0.4268



14.0989, 0.1727, 0.3528



14.0989, 0.2552, 0.1889

Complementary

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



14.0989, 0.5024, 0.4268



7.5185, 0.1816, 0.1628

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.



14.0989, 0.1824, 0.1760



14.0989, 0.5024, 0.4268



14.0989, 0.1414, 0.2486

Square

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



14.0989, 0.5024, 0.4268



14.0989, 0.2436, 0.4757



14.0989, 0.1456, 0.1929



14.0989, 0.3609, 0.2274

Rectangle

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



14.0989, 0.5024, 0.4268



14.0989, 0.3716, 0.5280



14.0989, 0.1456, 0.1929



14.0989, 0.2268, 0.1816

Sweetspot

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



14.0996, 0.5024, 0.4268



43.5805, 0.3604, 0.3675



7.4833, 0.4851, 0.2542



9.6358, 0.3667, 0.3720



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



14.0996, 0.5024, 0.4268



22.7346, 0.5250, 0.4213



28.1192, 0.4087, 0.5062



6.7630, 0.3270, 0.3414



11.0326, 0.5217, 0.4240



0.2374, 0.4692, 0.4657

Inverse Universe

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



7.5185, 0.1816, 0.1628



10.8636, 0.1720, 0.1391



2.7860, 0.1594, 0.0726



6.4557, 0.2989, 0.3163



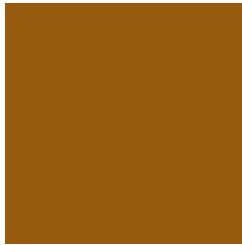
5.3836, 0.1732, 0.1436



0.1515, 0.1953, 0.2232

Previews

White Background



This preview shows how the Yxy color 14.0989, 0.5024, 0.4268 looks on a white background.

Color Contrast Check

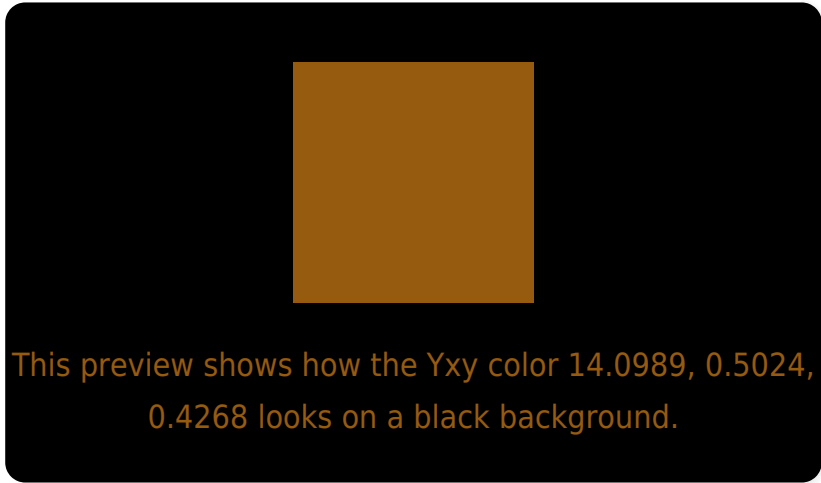
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0989, 0.5024, 0.4268

Background



This preview shows how black text looks on a background with the Yxy color 14.0989, 0.5024, 0.4268.



This preview shows how white text looks on a background with the Yxy color 14.0989, 0.5024, 0.4268.

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

14.0989, 0.5024, 0.4268

Protanopia

14.2805, 0.4309, 0.4775

Deuteranopia

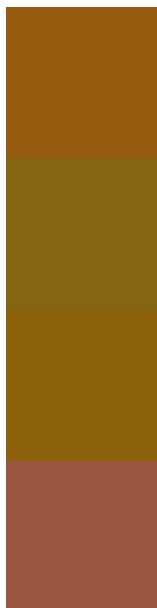
14.1118, 0.4677, 0.4629



Tritanopia

14.1224, 0.4174, 0.3193

Trichromacy



Original Color

14.0989, 0.5024, 0.4268

Protanomaly

14.1797, 0.4570, 0.4586

Deuteranomaly

14.1446, 0.4810, 0.4494

Tritanomaly

13.9589, 0.4591, 0.3668

Monochromacy



Original Color

14.0989, 0.5024, 0.4268

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.9010, 0.3891, 0.3875

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0989, 0.5024, 0.4268 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(151, 91, 16)` looks like.

```
.text, #text, p{  
    color:rgb(151, 91, 16)  
}
```

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(151, 91, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 91, 16) }
```

Border

The CSS property to change the border of an element to Yxy 14.0989, 0.5024, 0.4268 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(151, 91, 16) }
```

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

```
.border{ border-color:rgb(151, 91, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 91, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 91, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 91, 16);  
box-shadow:4px 4px 4px 4px rgb(151, 91,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0989, 0.5024, 0.4268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 91, 16) }
```

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

```
.background{ background-color: rgb(151, 91,  
16) }
```

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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