

Converting Colors

$Y_{xy}(14.7220, 0.5102, 0.4216)$

Have a look what the booklet for
Yxy(14.7220, 0.5102, 0.4216)
contains.

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Color

Yxy(14.6877, 0.5095, 0.4219)

Conversions

Conversions Part 1

Format	Color
Hex	9D5B10
RGB	157, 91, 16
RGB Percent	62%, 36%, 6%
CMY	0.3844, 0.6431, 0.9375
CMYK	0.00, 0.42, 0.90, 0.38
HSL	32°, 82%, 34%
HSV	32°, 90%, 62%
XYZ	17.7373, 14.6877, 2.3882
YIQ	102.1840, 63.4110, -9.3330

Conversions

Conversions Part 2

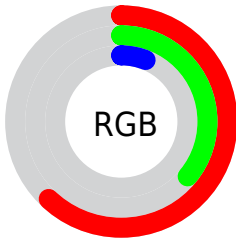
Format	Color
R_{YB}	140, 157, 16
Decimal	10312464
CIE _{Lab}	45.20, 21.92, 49.54
CIE _{LCh}	45, 54.172, 66.131
Yxy	14.6877, 0.5095, 0.4219
Android (android.graphics.Color)	4288502544 (0xFF9D5B10)
YUV	102.1840, -42.4887, 48.0736
Hunter-Lab	38.3245, 15.5453, 23.1325

Details

The Yxy color **14.6877, 0.5095, 0.4219** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.5668, 0.1828, 0.1682**, and the grayscale version is **13.4380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5151, 0.4688, 0.4114**, and **4.5107, 0.5490, 0.4023** is the 20% darker color. If you saturate the color by 10%, you get **13.4568, 0.5293, 0.4178**, and if you desaturate by 10%, it is **16.0714, 0.4872, 0.4219**.

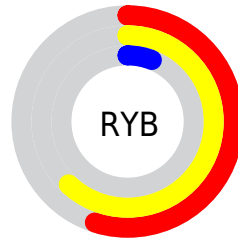
Distribution



Red (62%)

Green (36%)

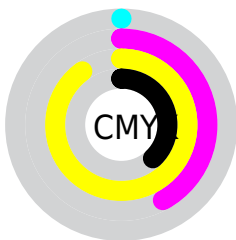
Blue (6%)



Red (55%)

Yellow (62%)

Blue (6%)

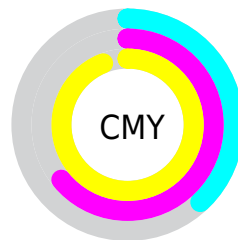


Cyan (0%)

Magenta (42%)

Yellow (90%)

Black (38%)



Cyan (38%)

Magenta (64%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6877, 0.5095, 0.4219 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 14.6877, 0.5095, 0.4219 by changing the saturation by 10% instead.


 14.6877, 0.5095,
0.4219


 14.6877, 0.5095,
0.4219


221.4681, 0.3994,
0.3805


 8.6005, 0.5366,
0.4249


 34.3044, 0.4685,
0.4108


 4.4815, 0.5740,
0.4260

 48.6026, 0.4531,
0.4051


 1.9464, 0.5992,
0.4008

 66.4067, 0.4403,
0.3999

 0.5761, 0.6576,
0.3424

 88.1010, 0.4294,
0.3951


 0.0000, 1.0000,
0.0000

 114.0699, 0.4202,
0.3908

 0.0000, 0.0000,
0.0000


 144.6978, 0.4123,

0.3870


 180.3690, 0.4054,
0.3836

 14.6877, 0.5095,
0.4219

 14.6877, 0.5095,
0.4219


 13.4568, 0.5293,
0.4178


 16.0714, 0.4872,
0.4219

 13.4383, 0.5296,
0.4177

 17.6212, 0.4625,
0.4169

 19.3462, 0.4369,
0.4081

 21.2539, 0.4116,
0.3965

 23.3512, 0.3877,
0.3832

■ 25.6444, 0.3657,
0.3693

■ 28.1397, 0.3459,
0.3553

■ 30.8427, 0.3281,
0.3417

■ 33.7589, 0.3125,
0.3288

Harmonies

Analogous

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



14.6877, 0.5238, 0.3478



14.6877, 0.5095, 0.4219



14.6877, 0.4409, 0.4958

Triad

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



14.6877, 0.5095, 0.4219



14.6877, 0.1738, 0.3627



14.6877, 0.2470, 0.1844

Complementary

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



14.6877, 0.5095, 0.4219



8.5668, 0.1828, 0.1682

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.



14.6877, 0.1759, 0.1734



14.6877, 0.5095, 0.4219



14.6877, 0.1394, 0.2526

Square

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



14.6877, 0.5095, 0.4219



14.6877, 0.2483, 0.4876



14.6877, 0.1412, 0.1928



14.6877, 0.3531, 0.2217

Rectangle

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



14.6877, 0.5095, 0.4219



14.6877, 0.3793, 0.5303



14.6877, 0.1412, 0.1928



14.6877, 0.2190, 0.1777

Sweetspot

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



14.6885, 0.5095, 0.4219



46.9390, 0.3609, 0.3660



8.1779, 0.4750, 0.2476



10.0319, 0.3674, 0.3704



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



14.6885, 0.5095, 0.4219



23.6837, 0.5322, 0.4156



31.0801, 0.4141, 0.5028



7.2013, 0.3272, 0.3409



10.9908, 0.5285, 0.4186



0.2809, 0.4758, 0.4604

Inverse Universe

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



8.5668, 0.1828, 0.1682



12.6213, 0.1739, 0.1460



2.9345, 0.1569, 0.0706



6.9212, 0.2988, 0.3168



5.9676, 0.1752, 0.1507



0.1907, 0.1958, 0.2249

Previews

White Background



This preview shows how the Yxy color 14.6877, 0.5095, 0.4219 looks on a white background.

Color Contrast Check

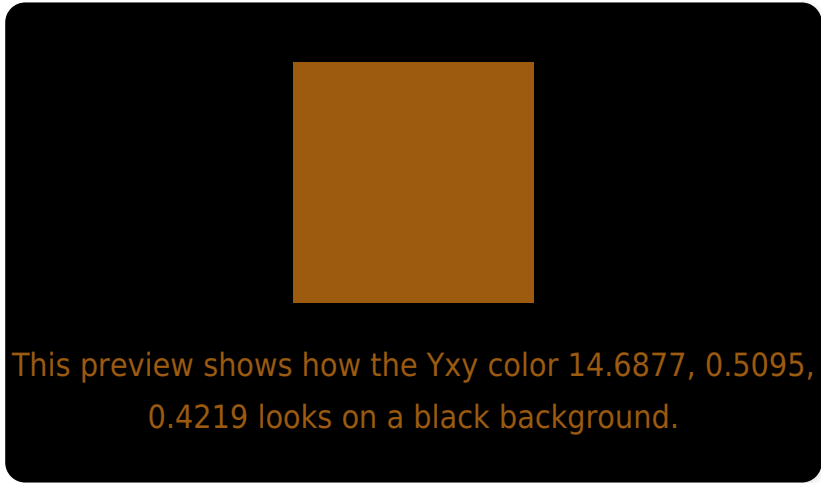
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6877, 0.5095, 0.4219

Background



This preview shows how black text looks on a background with the Yxy color 14.6877, 0.5095, 0.4219.



This preview shows how white text looks on a background with the Yxy color 14.6877, 0.5095, 0.4219.

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

14.6877, 0.5095, 0.4219

Protanopia

14.8442, 0.4304, 0.4774

Deuteranopia

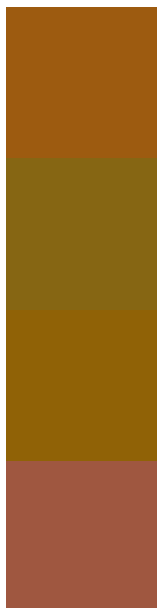
14.7370, 0.4702, 0.4649



Tritanopia

14.7259, 0.4262, 0.3197

Trichromacy



Original Color

14.6877, 0.5095, 0.4219

Protanomaly

14.6181, 0.4597, 0.4571

Deuteranomaly

14.6778, 0.4856, 0.4482

Tritanomaly

14.5575, 0.4673, 0.3651

Monochromacy



Original Color

14.6877, 0.5095, 0.4219

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.3279, 0.3902, 0.3843

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6877, 0.5095, 0.4219 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(157, 91, 16)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 91, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 91, 16) }
```

Border

The CSS property to change the border of an element to Yxy 14.6877, 0.5095, 0.4219 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(157, 91, 16) }
```

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

```
.border{ border-color:rgb(157, 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(157, 91, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 91, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 91, 16);  
box-shadow:4px 4px 4px 4px rgb(157, 91,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6877, 0.5095, 0.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 91, 16) }
```

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

```
.background{ background-color: rgb(157, 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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