

Converting Colors

$Y_{xy}(34.5894, 0.4884, 0.4429)$

Have a look what the booklet for
Yxy(34.5894, 0.4884, 0.4429)
contains.

Yxy(34.7520, 0.4881, 0.4431)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.7520, 0.4881, 0.4431)

Conversions

Conversions Part 1

Format	Color
Hex	D79115
RGB	215, 145, 21
RGB Percent	84%, 57%, 8%
CMY	0.1569, 0.4313, 0.9179
CMYK	0.00, 0.33, 0.90, 0.16
HSL	38°, 82%, 46%
HSV	38°, 90%, 84%
XYZ	38.2813, 34.7520, 5.3959
YIQ	151.7940, 81.5240, -23.7240

Conversions

Conversions Part 2

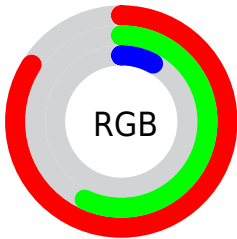
Format	Color
RYB	131, 215, 21
Decimal	14127381
CIELab	65.56, 17.72, 67.15
CIElCh	66, 69.448, 75.219
Yxy	34.7520, 0.4881, 0.4431
Android (android.graphics.Color)	4292317461 (0xFFD79115)
YUV	151.7940, -64.4814, 55.4317
Hunter-Lab	58.9508, 12.7499, 35.8386

Details

The Yxy color **34.7520, 0.4881, 0.4431** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **12.5295, 0.1722, 0.1323**, and the grayscale version is **31.5608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7160, 0.4429, 0.4396**, and **15.0544, 0.5055, 0.4369** is the 20% darker color. If you saturate the color by 10%, you get **32.4692, 0.5017, 0.4399**, and if you desaturate by 10%, it is **37.3209, 0.4712, 0.4419**.

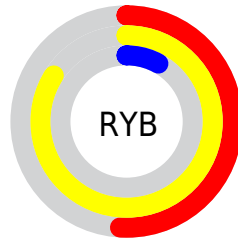
Distribution



Red (84%)

Green (57%)

Blue (8%)



Red (51%)

Yellow (84%)

Blue (8%)

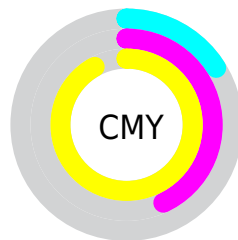


Cyan (0%)

Magenta (33%)

Yellow (90%)

Black (16%)



Cyan (16%)


Magenta (43%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7520, 0.4881, 0.4431 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 34.7520, 0.4881, 0.4431 by changing the saturation by 10% instead.


 34.7520, 0.4881,
0.4431


 34.7520, 0.4881,
0.4431


323.4723, 0.4044,
0.3963

 23.4719, 0.5047,
0.4491


 67.1014, 0.4603,
0.4300

 14.9423, 0.5228,
0.4531


 88.9395, 0.4490,
0.4238


 8.7789, 0.5447,
0.4553


 115.0657, 0.4391,
0.4181

 4.5973, 0.5578,
0.4422

 145.8644, 0.4303,
0.4128

 2.0130, 0.5785,
0.4215

 181.7200, 0.4227,
0.4081

 0.6150, 0.6260,
0.3740

 223.0170, 0.4159,

 0.0000, 0.0000,

0.4038

0.0000

270.1396, 0.4098,
0.3999

■ 34.7520, 0.4881,
0.4431

■ 34.7520, 0.4881,
0.4431

■ 32.4692, 0.5017,
0.4399

■ 37.3209, 0.4712,
0.4419

■ 40.1356, 0.4516,
0.4356

■ 43.2123, 0.4301,
0.4251

■ 46.5637, 0.4081,
0.4113

■ 50.2011, 0.3864,
0.3956

■ 54.1351, 0.3657,
0.3788

■ 58.3752, 0.3465,
0.3618

■ 62.9307, 0.3289,
0.3452

■ 67.8100, 0.3131,
0.3294

Harmonies

Analogous

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



34.7520, 0.5198, 0.3699



34.7520, 0.4881, 0.4431



34.7520, 0.4120, 0.5086

Triad

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



34.7520, 0.4881, 0.4431



34.7520, 0.1640, 0.3254



34.7520, 0.2776, 0.1970

Complementary

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



34.7520, 0.4881, 0.4431



12.5295, 0.1722, 0.1323

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.



34.7520, 0.1971, 0.1782



34.7520, 0.4881, 0.4431



34.7520, 0.1414, 0.2332

Square

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



34.7520, 0.4881, 0.4431



34.7520, 0.2256, 0.4484



34.7520, 0.1528, 0.1878



34.7520, 0.3860, 0.2404

Rectangle

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



34.7520, 0.4881, 0.4431



34.7520, 0.3494, 0.5285



34.7520, 0.1528, 0.1878



34.7520, 0.2468, 0.1878

Sweetspot

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



34.7538, 0.4881, 0.4431



81.5024, 0.3598, 0.3737



15.7527, 0.5250, 0.2736



16.9969, 0.3666, 0.3795



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.



34.7538, 0.4881, 0.4431



47.4736, 0.5027, 0.4391



59.4799, 0.3962, 0.5185



13.7317, 0.3275, 0.3439



19.6310, 0.5001, 0.4411



1.3384, 0.4826, 0.4550

Inverse Universe

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



12.5295, 0.1722, 0.1323



14.8649, 0.1644, 0.1117



6.0390, 0.1621, 0.0715



12.7344, 0.2982, 0.3137



6.3369, 0.1656, 0.1161



0.5367, 0.1754, 0.1512

Previews

White Background



This preview shows how the Yxy color 34.7520, 0.4881, 0.4431 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.7520, 0.4881, 0.4431 looks on a black 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 ✓ Pass

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

Yxy 34.7520, 0.4881, 0.4431

Background



This preview shows how black text looks on a background with the Yxy color 34.7520, 0.4881, 0.4431.



This preview shows how white text looks on a background with the Yxy color 34.7520, 0.4881, 0.4431.

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

34.7520, 0.4881, 0.4431

Protanopia

34.9195, 0.4353, 0.4813

Deuteranopia

34.7215, 0.4704, 0.4601



Tritanopia

34.7444, 0.3980, 0.3172

Trichromacy



Original Color

34.7520, 0.4881, 0.4431

Protanomaly

34.8461, 0.4546, 0.4675

Deuteranomaly

34.8008, 0.4769, 0.4537

Tritanomaly

34.4454, 0.4441, 0.3754

Monochromacy



Original Color

34.7520, 0.4881, 0.4431

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.6083, 0.3861, 0.3946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7520, 0.4881, 0.4431 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(215, 145, 21)` looks like.

```
.text, #text, p{  
    color:rgb(215, 145, 21)  
}
```

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(215, 145, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 145, 21) }
```

Border

The CSS property to change the border of an element to Yxy 34.7520, 0.4881, 0.4431 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(215, 145, 21) }
```

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

```
.border{ border-color:rgb(215, 145, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 145, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 145, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 145, 21);  
box-shadow:4px 4px 4px 4px rgb(215, 145,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7520, 0.4881, 0.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 145, 21) }
```

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

```
.background{ background-color: rgb(215,  
145, 21) }
```

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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