

Converting Colors

$Y_{xy}(32.0741, 0.4677, 0.4595)$

Have a look what the booklet for
Yxy(32.0741, 0.4677, 0.4595)
contains.

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Color

Yxy(32.0741, 0.4677, 0.4595)

Conversions

Conversions Part 1

Format	Color
Hex	C29213
RGB	194, 146, 19
RGB Percent	76%, 57%, 7%
CMY	0.2392, 0.4274, 0.9259
CMYK	0.00, 0.25, 0.90, 0.24
HSL	44°, 82%, 42%
HSV	44°, 90%, 76%
XYZ	32.6465, 32.0741, 5.0816
YIQ	145.8740, 69.3750, -29.3210

Conversions

Conversions Part 2

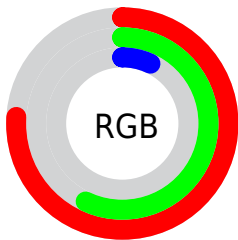
Format	Color
RYB	85, 194, 19
Decimal	12751379
CIELab	63.40, 7.90, 64.90
CIELCh	63, 65.376, 83.057
Yxy	32.0741, 0.4677, 0.4595
Android (android.graphics.Color)	4290941459 (0xFFC29213)
YUV	145.8740, -62.5489, 42.2065
Hunter-Lab	56.6340, 3.7862, 34.3239

Details

The Yxy color **32.0741, 0.4677, 0.4595** 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 **8.0372, 0.1668, 0.1116**, and the grayscale version is **28.9270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1477, 0.4432, 0.4418**, and **13.5166, 0.4796, 0.4574** is the 20% darker color. If you saturate the color by 10%, you get **30.4673, 0.4780, 0.4587**, and if you desaturate by 10%, it is **33.8494, 0.4546, 0.4563**.

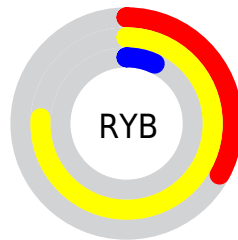
Distribution



Red (76%)

Green (57%)

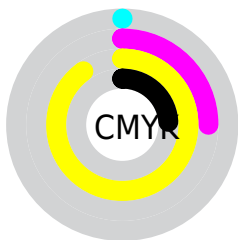
Blue (7%)



Red (33%)

Yellow (76%)

Blue (7%)

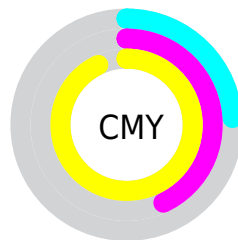


Cyan (0%)

Magenta (25%)

Yellow (90%)

Black (24%)



Cyan (24%)


Magenta (43%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0741, 0.4677, 0.4595 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 32.0741, 0.4677, 0.4595 by changing the saturation by 10% instead.

 32.0741, 0.4677,
0.4595


 32.0741, 0.4677,
0.4595


 311.4567, 0.3936,
0.4010

 21.4181, 0.4820,
0.4690


 62.9272, 0.4432,
0.4415

 13.4300, 0.4975,
0.4778


 83.8932, 0.4332,
0.4336


 7.7253, 0.5146,
0.4854


 109.0645, 0.4244,
0.4265

 3.9197, 0.5214,
0.4786

 138.8257, 0.4166,
0.4202

 1.6287, 0.5326,
0.4674

 173.5611, 0.4098,
0.4146

 0.3769, 0.5939,
0.4061

 213.6552, 0.4038,

 0.0000, 0.0000,

0.4096

0.0000

259.4922, 0.3984,
0.4050

32.0741, 0.4677,
0.4595

32.0741, 0.4677,
0.4595

30.4673, 0.4780,
0.4587

33.8494, 0.4546,
0.4563

35.7657, 0.4387,
0.4482

37.8346, 0.4208,
0.4361

40.0646, 0.4017,
0.4207

42.4631, 0.3824,
0.4033

■ 45.0371, 0.3634,
0.3847

■ 47.7928, 0.3454,
0.3658

■ 50.7362, 0.3286,
0.3473

■ 53.8727, 0.3131,
0.3294

Harmonies

Analogous

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



32.0741, 0.5115, 0.3885



32.0741, 0.4677, 0.4595



32.0741, 0.3871, 0.5143

Triad

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



32.0741, 0.4677, 0.4595



32.0741, 0.1587, 0.2982



32.0741, 0.3047, 0.2093

Complementary

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



32.0741, 0.4677, 0.4595



8.0372, 0.1668, 0.1116

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.



32.0741, 0.2174, 0.1843



32.0741, 0.4677, 0.4595



32.0741, 0.1455, 0.2207

Square

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



32.0741, 0.4677, 0.4595



32.0741, 0.2093, 0.4138



32.0741, 0.1649, 0.1861



32.0741, 0.4115, 0.2572

Rectangle

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



32.0741, 0.4677, 0.4595



32.0741, 0.3246, 0.5193



32.0741, 0.1649, 0.1861



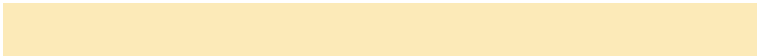
32.0741, 0.2721, 0.1982

Sweetspot

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



32.0757, 0.4677, 0.4595



82.9622, 0.3582, 0.3793



12.3572, 0.5527, 0.2901



17.7969, 0.3647, 0.3859



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.



32.0757, 0.4677, 0.4595



54.7426, 0.4791, 0.4578



45.7113, 0.3829, 0.5282



11.2762, 0.3271, 0.3456



20.1709, 0.4770, 0.4594



0.9816, 0.4614, 0.4718

Inverse Universe

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



8.0372, 0.1668, 0.1116



11.3399, 0.1586, 0.0909



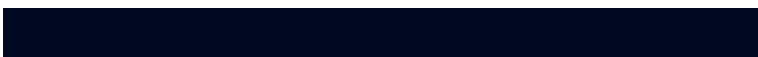
5.2233, 0.1705, 0.0765



10.1874, 0.2984, 0.3118



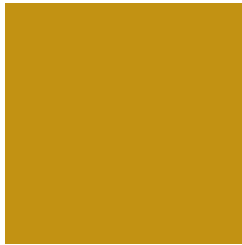
4.3658, 0.1599, 0.0956



0.3080, 0.1727, 0.1417

Previews

White Background



This preview shows how the Yxy color 32.0741, 0.4677, 0.4595 looks on a white background.

Color Contrast Check

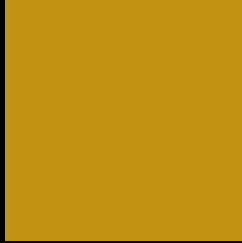
Large Text (above 18pt) WCAG AA × Fail

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 32.0741, 0.4677, 0.4595 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 32.0741, 0.4677, 0.4595

Background



This preview shows how black text looks on a background with the Yxy color 32.0741, 0.4677, 0.4595.



This preview shows how white text looks on a background with the Yxy color 32.0741, 0.4677, 0.4595.

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

32.0741, 0.4677, 0.4595

Protanopia

32.0534, 0.4357, 0.4827

Deuteranopia

32.0741, 0.4677, 0.4595



Tritanopia

32.1011, 0.3749, 0.3161

Trichromacy



Original Color

32.0741, 0.4677, 0.4595

Protanomaly

32.0111, 0.4479, 0.4738

Deuteranomaly

32.0741, 0.4677, 0.4595

Tritanomaly

31.6820, 0.4214, 0.3818

Monochromacy



Original Color

32.0741, 0.4677, 0.4595

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.2644, 0.3782, 0.3998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0741, 0.4677, 0.4595 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(194, 146, 19)` looks like.

```
.text, #text, p{  
    color:rgb(194, 146, 19)  
}
```

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(194, 146, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 146, 19) }
```

Border

The CSS property to change the border of an element to Yxy 32.0741, 0.4677, 0.4595 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(194, 146, 19) }
```

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

```
.border{ border-color:rgb(194, 146, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 146, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 146, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 146, 19);  
box-shadow:4px 4px 4px 4px rgb(194, 146,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0741, 0.4677, 0.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 146, 19) }
```

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

```
.background{ background-color: rgb(194,  
146, 19) }
```

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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