

Converting Colors

$Y_{xy}(32.6749, 0.4591, 0.4046)$

Have a look what the booklet for
Yxy(32.6749, 0.4591, 0.4046)
contains.

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Color

Yxy(32.6749, 0.4591, 0.4046)

Conversions

Conversions Part 1

Format	Color
Hex	D28B4B
RGB	210, 139, 75
RGB Percent	82%, 55%, 29%
CMY	0.1766, 0.4548, 0.7059
CMYK	0.00, 0.34, 0.64, 0.18
HSL	28°, 60%, 56%
HSV	28°, 64%, 82%
XYZ	37.0762, 32.6749, 11.0074
YIQ	152.9330, 62.8600, -4.8520

Conversions

Conversions Part 2

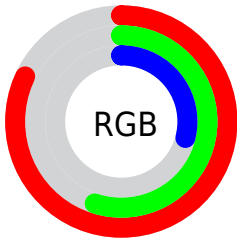
Format	Color
RYB	210, 197, 75
Decimal	13798219
CIELab	63.90, 20.95, 44.58
CIElCh	64, 49.261, 64.831
Yxy	32.6749, 0.4591, 0.4046
Android (android.graphics.Color)	4291988299 (0xFFD28B4B)
YUV	152.9330, -38.4210, 50.0478
Hunter-Lab	57.1620, 15.7448, 28.5962

Details

The Yxy color **32.6749, 0.4591, 0.4046** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **26.6906, 0.2133, 0.2295**, and the grayscale version is **31.9750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9063, 0.4185, 0.3978**, and **13.7986, 0.4993, 0.4170** is the 20% darker color. If you saturate the color by 10%, you get **29.3976, 0.4877, 0.4102**, and if you desaturate by 10%, it is **36.3732, 0.4306, 0.3955**.

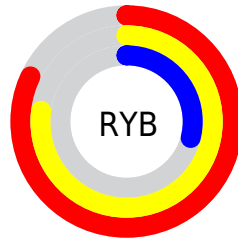
Distribution



Red (82%)

Green (55%)

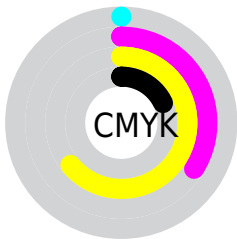
Blue (29%)



Red (82%)

Yellow (77%)

Blue (29%)

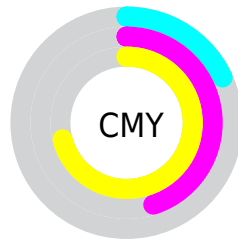


Cyan (0%)

Magenta (34%)

Yellow (64%)

Black (18%)



Cyan (18%)

Magenta (45%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6749, 0.4591, 0.4046 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 32.6749, 0.4591, 0.4046 by changing the saturation by 10% instead.


 32.6749, 0.4591,
0.4046


 32.6749, 0.4591,
0.4046

314.1823, 0.3834,
0.3707


 21.8775, 0.4775,
0.4106


 63.8676, 0.4316,
0.3938


 13.7669, 0.5003,
0.4165


 85.0318, 0.4212,
0.3892


 7.9587, 0.5283,
0.4205


 110.4203, 0.4125,
0.3852

 4.0686, 0.5730,
0.4270

 140.4176, 0.4049,
0.3816

 1.7120, 0.5990,
0.4010

 175.4080, 0.3984,
0.3784

 0.4314, 0.6817,
0.3183

215.7760, 0.3928,

 0.0000, 0.0000,

0.3755

0.0000

261.9060, 0.3878,
0.3730

■ 32.6749, 0.4591,
0.4046

■ 32.6749, 0.4591,
0.4046

■ 29.3976, 0.4877,
0.4102

■ 36.3732, 0.4306,
0.3955

■ 26.5170, 0.5145,
0.4110

■ 40.5050, 0.4034,
0.3841

■ 24.0129, 0.5377,
0.4063

■ 45.0884, 0.3786,
0.3716

■ 22.7354, 0.5495,
0.4019

■ 50.1384, 0.3563,
0.3587

■ 55.6695, 0.3366,
0.3460

■ 61.6954, 0.3194,
0.3340

■ 68.2292, 0.3044,
0.3226

■ 75.2833, 0.2915,
0.3121

■ 82.2785, 0.2851,
0.3115

Harmonies

Analogous

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



32.6749, 0.4613, 0.3479



32.6749, 0.4591, 0.4046



32.6749, 0.4153, 0.4531

Triad

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



32.6749, 0.4591, 0.4046



32.6749, 0.2148, 0.3585



32.6749, 0.2638, 0.2193

Complementary

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



32.6749, 0.4591, 0.4046



26.6906, 0.2133, 0.2295

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.



32.6749, 0.2095, 0.2127



32.6749, 0.4591, 0.4046



32.6749, 0.1838, 0.2813

Square

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



32.6749, 0.4591, 0.4046



32.6749, 0.2737, 0.4365



32.6749, 0.1826, 0.2319



32.6749, 0.3394, 0.2479

Rectangle

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



32.6749, 0.4591, 0.4046



32.6749, 0.3715, 0.4706



32.6749, 0.1826, 0.2319



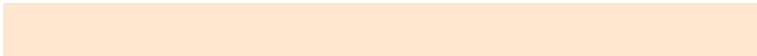
32.6749, 0.2428, 0.2145

Sweetspot

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



32.6766, 0.4591, 0.4046



82.0756, 0.3459, 0.3522



20.8355, 0.4042, 0.2451



17.0426, 0.3517, 0.3559



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.



32.6766, 0.4591, 0.4046



43.9576, 0.4976, 0.4110



58.0985, 0.4043, 0.4718



12.7198, 0.3279, 0.3401



14.0698, 0.5472, 0.4037



0.9451, 0.5177, 0.4272

Inverse Universe

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



26.6906, 0.2133, 0.2295



33.9336, 0.1971, 0.2043



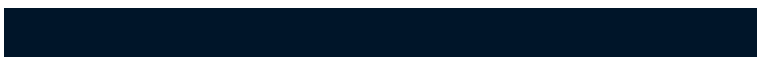
11.8105, 0.1898, 0.1291



12.4315, 0.2983, 0.3177



9.8958, 0.1799, 0.1675



0.7116, 0.1888, 0.1995

Previews

White Background



This preview shows how the Yxy color 32.6749, 0.4591, 0.4046 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 32.6749, 0.4591, 0.4046 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 32.6749, 0.4591, 0.4046

Background



This preview shows how black text looks on a background with the Yxy color 32.6749, 0.4591, 0.4046.



This preview shows how white text looks on a background with the Yxy color 32.6749, 0.4591, 0.4046.

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

32.6749, 0.4591, 0.4046

Protanopia

32.6798, 0.3997, 0.4360

Deuteranopia

32.8673, 0.4339, 0.4253



Tritanopia

32.6028, 0.3980, 0.3169

Trichromacy



Original Color

32.6749, 0.4591, 0.4046

Protanomaly

32.3592, 0.4214, 0.4244

Deuteranomaly

32.8873, 0.4431, 0.4174

Tritanomaly

32.4807, 0.4227, 0.3504

Monochromacy



Original Color

32.6749, 0.4591, 0.4046

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.6591, 0.3639, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6749, 0.4591, 0.4046 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(210, 139, 75)` looks like.

```
.text, #text, p{  
    color:rgb(210, 139, 75)  
}
```

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(210, 139, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 139, 75) }
```

Border

The CSS property to change the border of an element to Yxy 32.6749, 0.4591, 0.4046 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(210, 139, 75) }
```

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

```
.border{ border-color:rgb(210, 139, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 139, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 139, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 139, 75);  
box-shadow:4px 4px 4px 4px rgb(210, 139,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6749, 0.4591, 0.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 139, 75) }
```

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

```
.background{ background-color: rgb(210,  
139, 75) }
```

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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