

Converting Colors

$Y_{xy}(32.2644, 0.4484, 0.3799)$

Have a look what the booklet for
Yxy(32.2644, 0.4484, 0.3799)
contains.

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Color

Yxy(32.2644, 0.4484, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	D5875D
RGB	213, 135, 93
RGB Percent	84%, 53%, 36%
CMY	0.1647, 0.4706, 0.6352
CMYK	0.00, 0.37, 0.56, 0.16
HSL	21°, 59%, 60%
HSV	21°, 56%, 84%
XYZ	38.0820, 32.2644, 14.5823
YIQ	153.5340, 59.9700, 3.4740

Conversions

Conversions Part 2

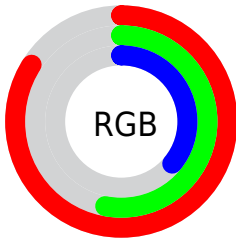
Format	Color
RYB	213, 158, 93
Decimal	13993821
CIELab	63.56, 25.67, 34.85
CIELCh	64, 43.284, 53.621
Yxy	32.2644, 0.4484, 0.3799
Android (android.graphics.Color)	4292183901 (0xFFD5875D)
YUV	153.5340, -29.8433, 52.1517
Hunter-Lab	56.8018, 20.2700, 24.5402

Details

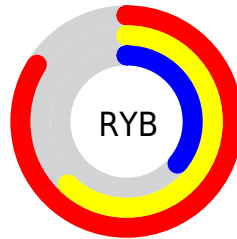
The Yxy color **32.2644, 0.4484, 0.3799** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **36.2689, 0.2292, 0.2673**, and the grayscale version is **32.2153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6688, 0.4064, 0.3761**, and **13.6628, 0.4898, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **28.3232, 0.4827, 0.3855**, and if you desaturate by 10%, it is **36.8166, 0.4164, 0.3719**.

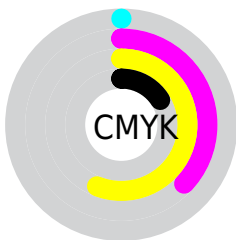
Distribution



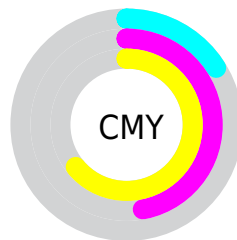
- Red (84%)
- Green (53%)
- Blue (36%)



- Red (84%)
- Yellow (62%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (56%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2644, 0.4484, 0.3799 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 32.2644, 0.4484, 0.3799 by changing the saturation by 10% instead.


 32.2644, 0.4484,
0.3799


 32.2644, 0.4484,
0.3799


312.3219, 0.3767,
0.3574


 21.5635, 0.4669,
0.3839


 63.2254, 0.4218,
0.3728


 13.5365, 0.4905,
0.3877


 84.2542, 0.4119,
0.3697

 7.7990, 0.5214,
0.3903


 109.4946, 0.4036,
0.3670

 3.9666, 0.5678,
0.3922

 139.3308, 0.3966,
0.3647

 1.6549, 0.6224,
0.3776

174.1472, 0.3906,
0.3625

 0.3942, 0.7196,
0.2804

214.3283, 0.3854,

 0.0000, 0.0000,

0.3606

0.0000

260.2584, 0.3808,
0.3589

■ 32.2644, 0.4484,
0.3799

■ 32.2644, 0.4484,
0.3799

■ 28.3232, 0.4827,
0.3855

■ 36.8166, 0.4164,
0.3719

■ 24.9600, 0.5173,
0.3876

■ 42.0011, 0.3878,
0.3627

■ 22.1454, 0.5495,
0.3848

■ 47.8439, 0.3627,
0.3531

■ 19.8442, 0.5762,
0.3771

■ 54.3682, 0.3412,
0.3435

■ 19.1143, 0.5850,
0.3737

■ 61.5959, 0.3229,
0.3345

■ 69.5478, 0.3073,
0.3260

■ 78.2439, 0.2941,
0.3181

■ 87.1485, 0.2873,
0.3194

■ 92.8866, 0.2877,
0.3289

Harmonies

Analogous

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



32.2644, 0.4333, 0.3283



32.2644, 0.4484, 0.3799



32.2644, 0.4229, 0.4268

Triad

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



32.2644, 0.4484, 0.3799



32.2644, 0.2432, 0.3825



32.2644, 0.2485, 0.2255

Complementary

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



32.2644, 0.4484, 0.3799



36.2689, 0.2292, 0.2673

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.



32.2644, 0.2080, 0.2284



32.2644, 0.4484, 0.3799



32.2644, 0.2046, 0.3112

Square

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



32.2644, 0.4484, 0.3799



32.2644, 0.3031, 0.4398



32.2644, 0.1930, 0.2564



32.2644, 0.3105, 0.2444

Rectangle

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



32.2644, 0.4484, 0.3799



32.2644, 0.3891, 0.4482



32.2644, 0.1930, 0.2564



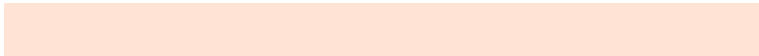
32.2644, 0.2323, 0.2239

Sweetspot

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



32.2660, 0.4484, 0.3799



80.8338, 0.3429, 0.3443



24.9975, 0.3663, 0.2353



16.8616, 0.3471, 0.3463



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.



32.2660, 0.4484, 0.3799



41.2887, 0.4909, 0.3864



53.0805, 0.4054, 0.4437



13.1244, 0.3282, 0.3372



11.8493, 0.5824, 0.3758



0.8676, 0.5490, 0.4022

Inverse Universe

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



36.2689, 0.2292, 0.2673



47.7279, 0.2148, 0.2509



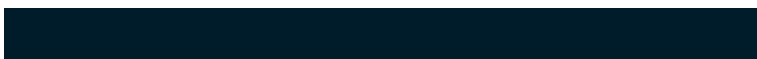
18.9481, 0.2100, 0.1774



13.3425, 0.2982, 0.3206



14.3198, 0.1919, 0.2110



1.0162, 0.1983, 0.2337

Previews

White Background



This preview shows how the Yxy color 32.2644, 0.4484, 0.3799 looks on a white background.

Color Contrast Check

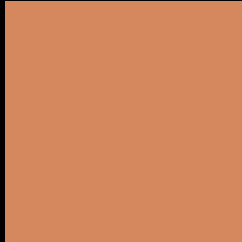
Large Text (above 18pt) WCAG AA × Fail

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 32.2644, 0.4484, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

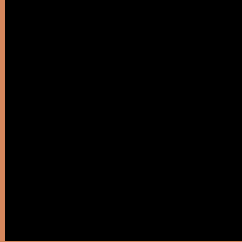
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2644, 0.4484, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 32.2644, 0.4484, 0.3799.



This preview shows how white text looks on a background with the Yxy color 32.2644, 0.4484, 0.3799.

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

32.2644, 0.4484, 0.3799

Protanopia

32.3561, 0.3794, 0.4092

Deuteranopia

32.2970, 0.4154, 0.4063



Tritanopia

32.1635, 0.4024, 0.3170

Trichromacy



Original Color

32.2644, 0.4484, 0.3799

Protanomaly

31.9209, 0.4043, 0.3988

Deuteranomaly

32.2706, 0.4273, 0.3969

Tritanomaly

32.0848, 0.4207, 0.3404

Monochromacy



Original Color

32.2644, 0.4484, 0.3799

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6473, 0.3580, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2644, 0.4484, 0.3799 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(213, 135, 93)` looks like.

```
.text, #text, p{  
    color:rgb(213, 135, 93)  
}
```

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(213, 135, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 135, 93) }
```

Border

The CSS property to change the border of an element to Yxy 32.2644, 0.4484, 0.3799 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(213, 135, 93) }
```

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

```
.border{ border-color:rgb(213, 135, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 135, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 135, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 135, 93);  
box-shadow:4px 4px 4px 4px rgb(213, 135,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2644, 0.4484, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 135, 93) }
```

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

```
.background{ background-color: rgb(213,  
135, 93) }
```

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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