

Converting Colors

$Y_{xy}(29.1699, 0.4466, 0.3996)$

Have a look what the booklet for
Yxy(29.1699, 0.4466, 0.3996)
contains.

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Color

Yxy(29.0753, 0.4465, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	C4854F
RGB	196, 133, 79
RGB Percent	77%, 52%, 31%
CMY	0.2314, 0.4784, 0.6903
CMYK	0.00, 0.32, 0.60, 0.23
HSL	28°, 50%, 54%
HSV	28°, 60%, 77%
XYZ	32.5611, 29.0753, 11.2888
YIQ	145.6810, 54.8820, -3.4380

Conversions

Conversions Part 2

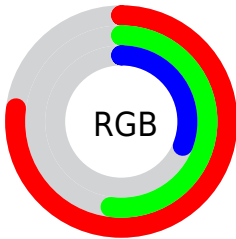
Format	Color
R_{YB}	196, 179, 79
Decimal	12879183
CIE _{Lab}	60.85, 18.62, 38.54
CIE _{LCh}	61, 42.800, 64.219
Yxy	29.0753, 0.4465, 0.3987
Android (android.graphics.Color)	4291069263 (0xFFC4854F)
YUV	145.6810, -32.8737, 44.1298
Hunter-Lab	53.9215, 13.4266, 25.3323

Details

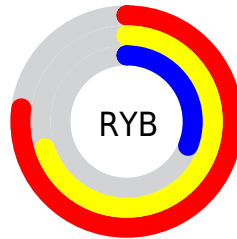
The Yxy color **29.0753, 0.4465, 0.3987** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.9797, 0.2204, 0.2410**, and the grayscale version is **28.7274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9628, 0.4202, 0.3880**, and **11.7744, 0.4892, 0.4118** is the 20% darker color. If you saturate the color by 10%, you get **26.0871, 0.4757, 0.4058**, and if you desaturate by 10%, it is **32.4407, 0.4182, 0.3887**.

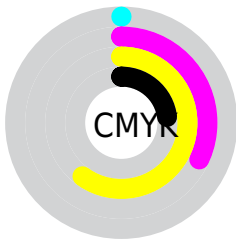
Distribution



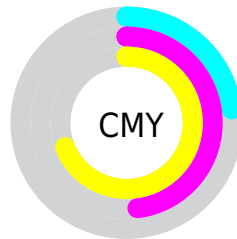
- Red (77%)
- Green (52%)
- Blue (31%)



- Red (77%)
- Yellow (70%)
- Blue (31%)



- Cyan (0%)
- Magenta (32%)
- Yellow (60%)
- Black (23%)




- Cyan (23%)
- Magenta (48%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0753, 0.4465, 0.3987 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 29.0753, 0.4465, 0.3987 by changing the saturation by 10% instead.


 29.0753, 0.4465,
0.3987


 29.0753, 0.4465,
0.3987

297.5701, 0.3754,
0.3658

 19.1378, 0.4647,
0.4052


 58.1967, 0.4201,
0.3878


 11.7699, 0.4878,
0.4120


 78.1494, 0.4103,
0.3833


 6.5872, 0.5173,
0.4177


 102.2092, 0.4021,
0.3794

 3.2053, 0.5700,
0.4300

 130.7607, 0.3951,
0.3760

 1.2398, 0.5979,
0.4021

 164.1881, 0.3892,
0.3730

 0.0939, 0.8527,
0.1473

202.8759, 0.3840,

 0.0000, 0.0000,

0.3703

0.0000

247.2084, 0.3794,
0.3680

■ 29.0753, 0.4465,
0.3987

■ 29.0753, 0.4465,
0.3987

■ 26.0871, 0.4757,
0.4058

■ 32.4407, 0.4182,
0.3887

■ 23.4555, 0.5042,
0.4088

■ 36.1937, 0.3918,
0.3770

■ 21.1640, 0.5299,
0.4066

■ 40.3497, 0.3680,
0.3646

■ 19.1865, 0.5519,
0.3997

■ 44.9218, 0.3469,
0.3521

■ 19.1318, 0.5525,
0.3995

■ 49.9222, 0.3284,
0.3401

■ 55.3629, 0.3123,
0.3287

■ 61.2551, 0.2983,
0.3181

■ 67.6098, 0.2863,
0.3083

■ 74.4134, 0.2760,
0.2997

Harmonies

Analogous

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



29.0753, 0.4467, 0.3466



29.0753, 0.4465, 0.3987



29.0753, 0.4082, 0.4419

Triad

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



29.0753, 0.4465, 0.3987



29.0753, 0.2247, 0.3576



29.0753, 0.2673, 0.2279

Complementary

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



29.0753, 0.4465, 0.3987



24.9797, 0.2204, 0.2410

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.



29.0753, 0.2176, 0.2225



29.0753, 0.4465, 0.3987



29.0753, 0.1949, 0.2879

Square

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



29.0753, 0.4465, 0.3987



29.0753, 0.2794, 0.4260



29.0753, 0.1930, 0.2415



29.0753, 0.3358, 0.2540

Rectangle

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



29.0753, 0.4465, 0.3987



29.0753, 0.3687, 0.4568



29.0753, 0.1930, 0.2415



29.0753, 0.2481, 0.2236

Sweetspot

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



29.0768, 0.4465, 0.3987



82.6266, 0.3441, 0.3504



19.3167, 0.3911, 0.2473



17.1374, 0.3499, 0.3540



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.



29.0768, 0.4465, 0.3987



45.5580, 0.4857, 0.4074



49.1856, 0.4004, 0.4621



10.8272, 0.3278, 0.3397



12.4629, 0.5502, 0.4013



0.6762, 0.5137, 0.4303

Inverse Universe

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



24.9797, 0.2204, 0.2410



37.4062, 0.2035, 0.2169



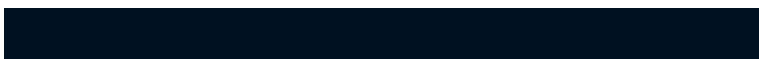
12.1167, 0.1997, 0.1474



10.6258, 0.2984, 0.3181



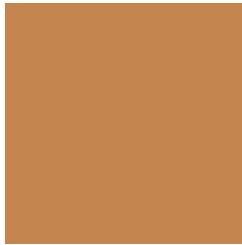
9.2911, 0.1812, 0.1724



0.5382, 0.1918, 0.2105

Previews

White Background



This preview shows how the Yxy color 29.0753, 0.4465, 0.3987 looks on a white background.

Color Contrast Check

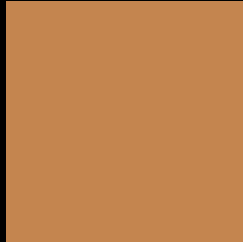
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 29.0753, 0.4465, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

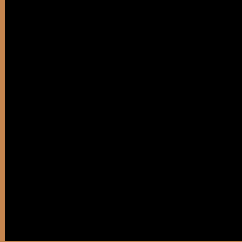
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0753, 0.4465, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 29.0753, 0.4465, 0.3987.



This preview shows how white text looks on a background with the Yxy color 29.0753, 0.4465, 0.3987.

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

29.0753, 0.4465, 0.3987

Protanopia

29.1889, 0.3919, 0.4247

Deuteranopia

28.9953, 0.4244, 0.4166



Tritanopia

28.9786, 0.3896, 0.3160

Trichromacy



Original Color

29.0753, 0.4465, 0.3987

Protanomaly

28.9539, 0.4113, 0.4156

Deuteranomaly

28.8805, 0.4329, 0.4089

Tritanomaly

29.0804, 0.4127, 0.3479

Monochromacy



Original Color

29.0753, 0.4465, 0.3987

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.3474, 0.3584, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0753, 0.4465, 0.3987 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(196, 133, 79)` looks like.

```
.text, #text, p{  
    color:rgb(196, 133, 79)  
}
```

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(196, 133, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 133, 79) }
```

Border

The CSS property to change the border of an element to Yxy 29.0753, 0.4465, 0.3987 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(196, 133, 79) }
```

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

```
.border{ border-color:rgb(196, 133, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 133, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 133, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 133, 79);  
box-shadow:4px 4px 4px 4px rgb(196, 133,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0753, 0.4465, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 133, 79) }
```

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

```
.background{ background-color: rgb(196,  
133, 79) }
```

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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