

Converting Colors

$Yxy(29.9726, 0.3928, 0.3683)$

Have a look what the booklet for
Yxy(29.9726, 0.3928, 0.3683)
contains.

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Color

Yxy(30.1164, 0.3928, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	B88C70
RGB	184, 140, 112
RGB Percent	72%, 55%, 44%
CMY	0.2785, 0.4509, 0.5607
CMYK	0.00, 0.24, 0.39, 0.28
HSL	23°, 34%, 58%
HSV	23°, 39%, 72%
XYZ	32.0676, 30.1164, 19.4544
YIQ	149.9640, 35.2120, 0.6200

Conversions

Conversions Part 2

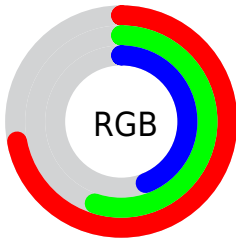
Format	Color
RYB	184, 158, 112
Decimal	12094576
CIELab	61.75, 12.93, 21.41
CIElCh	62, 25.015, 58.873
Yxy	30.1164, 0.3928, 0.3689
Android (android.graphics.Color)	4290284656 (0xFFB88C70)
YUV	149.9640, -18.7163, 29.8496
Hunter-Lab	54.8784, 8.2672, 17.3966

Details

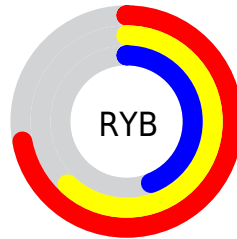
The Yxy color **30.1164, 0.3928, 0.3689** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.6767, 0.2527, 0.2848**, and the grayscale version is **30.5536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9647, 0.3759, 0.3620**, and **12.3496, 0.4195, 0.3800** is the 20% darker color. If you saturate the color by 10%, you get **26.6296, 0.4209, 0.3788**, and if you desaturate by 10%, it is **34.0254, 0.3679, 0.3584**.

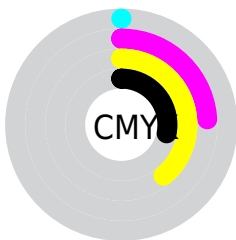
Distribution



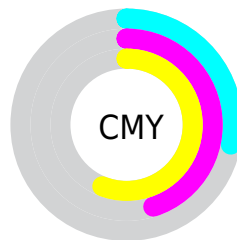
- Red (72%)
- Green (55%)
- Blue (44%)



- Red (72%)
- Yellow (62%)
- Blue (44%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (28%)





- Cyan (28%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1164, 0.3928, 0.3689 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 30.1164, 0.3928, 0.3689 by changing the saturation by 10% instead.


 30.1164, 0.3928,
0.3689


 30.1164, 0.3928,
0.3689

302.4466, 0.3496,
0.3488


 19.9270, 0.4046,
0.3738


 59.8462, 0.3764,
0.3617

 12.3420, 0.4202,
0.3798


 80.1554, 0.3704,
0.3589

 6.9770, 0.4419,
0.3873


 104.6065, 0.3655,
0.3566

 3.4477, 0.4736,
0.3961

 133.5841, 0.3613,
0.3546

 1.3697, 0.5639,
0.4361

167.4726, 0.3578,
0.3529

 0.1942, 0.7203,
0.2797

206.6562, 0.3547,

 0.0000, 0.0000,

0.3513

0.0000

251.5194, 0.3520,
0.3500

■ 30.1164, 0.3928,
0.3689

■ 30.1164, 0.3928,
0.3689

■ 26.6296, 0.4209,
0.3788

■ 34.0254, 0.3679,
0.3584

■ 23.5457, 0.4517,
0.3873

■ 38.3666, 0.3462,
0.3479

■ 20.8497, 0.4841,
0.3930


■ 43.1550, 0.3275,
0.3377


■ 18.5242, 0.5162,
0.3949


■ 48.4036, 0.3114,
0.3282

■ 16.5498, 0.5456,
0.3918

■ 54.1247, 0.2977,
0.3193


 14.9003, 0.5705,
0.3842

 60.3303, 0.2859,
0.3112

 14.7688, 0.5727,
0.3835

 67.0317, 0.2758,
0.3037

 73.9666, 0.2693,
0.3013

 80.4239, 0.2706,
0.3139

Harmonies

Analogous

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



30.1164, 0.3870, 0.3368



30.1164, 0.3928, 0.3689



30.1164, 0.3757, 0.3936

Triad

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



30.1164, 0.3928, 0.3689



30.1164, 0.2661, 0.3534



30.1164, 0.2803, 0.2651

Complementary

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



30.1164, 0.3928, 0.3689



30.6767, 0.2527, 0.2848

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.



30.1164, 0.2513, 0.2656



30.1164, 0.3928, 0.3689



30.1164, 0.2435, 0.3138

Square

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



30.1164, 0.3928, 0.3689



30.1164, 0.3019, 0.3872



30.1164, 0.2384, 0.2822



30.1164, 0.3197, 0.2793

Rectangle

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



30.1164, 0.3928, 0.3689



30.1164, 0.3546, 0.4014



30.1164, 0.2384, 0.2822



30.1164, 0.2691, 0.2635

Sweetspot

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



30.1178, 0.3928, 0.3689



75.4825, 0.3329, 0.3408



24.1925, 0.3494, 0.2676



16.0285, 0.3353, 0.3421



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.1178, 0.3928, 0.3689



49.0830, 0.4170, 0.3776



42.2477, 0.3744, 0.4148



9.5699, 0.3278, 0.3379



10.3091, 0.5705, 0.3852



0.4849, 0.5227, 0.4232

Inverse Universe

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



30.6767, 0.2527, 0.2848



50.2103, 0.2401, 0.2730



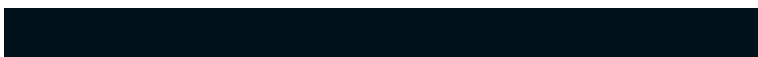
20.4363, 0.2438, 0.2254



9.6080, 0.2985, 0.3199



10.5757, 0.1884, 0.1981



0.4893, 0.1988, 0.2356

Previews

White Background



This preview shows how the Yxy color 30.1164, 0.3928, 0.3689 looks on a white background.

Color Contrast Check

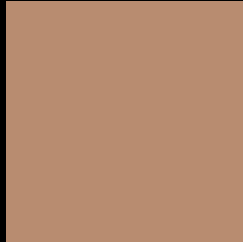
Large Text (above 18pt) WCAG AA × Fail

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 30.1164, 0.3928, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

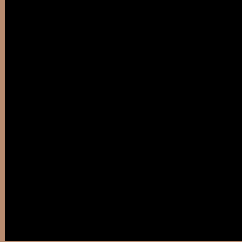
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1164, 0.3928, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 30.1164, 0.3928, 0.3689.



This preview shows how white text looks on a background with the Yxy color 30.1164, 0.3928, 0.3689.

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

30.1164, 0.3928, 0.3689

Protanopia

30.1268, 0.3561, 0.3805

Deuteranopia

30.0227, 0.3832, 0.3760



Tritanopia

29.9681, 0.3597, 0.3139

Trichromacy



Original Color

30.1164, 0.3928, 0.3689

Protanomaly

30.1204, 0.3685, 0.3759

Deuteranomaly

30.0774, 0.3872, 0.3740

Tritanomaly

30.0517, 0.3716, 0.3334

Monochromacy



Original Color

30.1164, 0.3928, 0.3689

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0167, 0.3399, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1164, 0.3928, 0.3689 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(184, 140, 112)` looks like.

```
.text, #text, p{  
    color:rgb(184, 140, 112)  
}
```

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(184, 140, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 140, 112) }
```

Border

The CSS property to change the border of an element to Yxy 30.1164, 0.3928, 0.3689 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(184, 140, 112) }
```

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

```
.border{ border-color:rgb(184, 140, 112) }
```

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

Here you see how a box with a 4 pixel rgb(184, 140, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 140, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 140, 112);  
box-shadow:4px 4px 4px 4px rgb(184, 140,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1164, 0.3928, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 140, 112) }
```

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

```
.background{ background-color: rgb(184,  
140, 112) }
```

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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