

Converting Colors

Yxy(33.2620, 0.4071, 0.3942)

Have a look what the booklet for
Yxy(33.2620, 0.4071, 0.3942)
contains.

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Color

Yxy(33.1763, 0.4083, 0.3940)

Conversions

Conversions Part 1

Format	Color
Hex	BF9464
RGB	191, 148, 100
RGB Percent	75%, 58%, 39%
CMY	0.2509, 0.4196, 0.6079
CMYK	0.00, 0.23, 0.48, 0.25
HSL	32°, 42%, 57%
HSV	32°, 48%, 75%
XYZ	34.3804, 33.1763, 16.6471
YIQ	155.3850, 41.0360, -5.8120

Conversions

Conversions Part 2

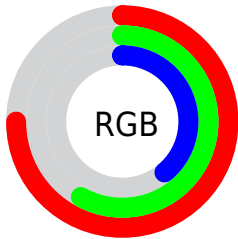
Format	Color
RYB	182, 191, 100
Decimal	12555364
CIELab	64.30, 10.12, 31.51
CIELCh	64, 33.095, 72.195
Yxy	33.1763, 0.4083, 0.3940
Android (android.graphics.Color)	4290745444 (0xFFBF9464)
YUV	155.3850, -27.3048, 31.2344
Hunter-Lab	57.5989, 5.7475, 23.1834

Details

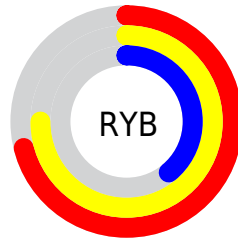
The Yxy color **33.1763, 0.4083, 0.3940** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.1246, 0.2362, 0.2520**, and the grayscale version is **33.0691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6478, 0.3892, 0.3820**, and **13.9482, 0.4379, 0.4104** is the 20% darker color. If you saturate the color by 10%, you get **30.1273, 0.4339, 0.4060**, and if you desaturate by 10%, it is **36.5363, 0.3842, 0.3805**.

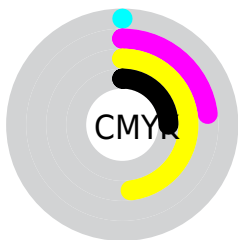
Distribution



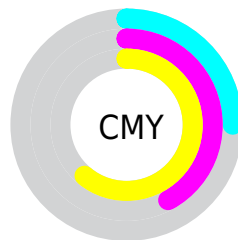
- Red (75%)
- Green (58%)
- Blue (39%)



- Red (71%)
- Yellow (75%)
- Blue (39%)



- Cyan (0%)
- Magenta (23%)
- Yellow (48%)
- Black (25%)





- Cyan (25%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1763, 0.4083, 0.3940 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 33.1763, 0.4083, 0.3940 by changing the saturation by 10% instead.


 33.1763, 0.4083,
0.3940


 33.1763, 0.4083,
0.3940

316.4434, 0.3582,
0.3617

 22.2615, 0.4212,
0.4016


 64.6507, 0.3897,
0.3825


 14.0492, 0.4378,
0.4108


 85.9791, 0.3828,
0.3781

 8.1549, 0.4597,
0.4218


 111.5475, 0.3770,
0.3743

 4.1942, 0.4898,
0.4348

 141.7403, 0.3721,
0.3711

 1.7828, 0.5432,
0.4568

176.9419, 0.3679,
0.3683

 0.4764, 0.5950,
0.4050

217.5367, 0.3642,

 0.0000, 0.0000,

0.3658

0.0000

263.9091, 0.3610,
0.3636

■ 33.1763, 0.4083,
0.3940

■ 33.1763, 0.4083,
0.3940

■ 30.1273, 0.4339,
0.4060

■ 36.5363, 0.3842,
0.3805

■ 27.3732, 0.4601,
0.4153

■ 40.2127, 0.3621,
0.3664

■ 24.9035, 0.4856,
0.4207

■ 44.2172, 0.3423,
0.3524

■ 22.7048, 0.5088,
0.4211

■ 48.5588, 0.3247,
0.3389

■ 20.7593, 0.5285,
0.4164

■ 53.2465, 0.3093,
0.3261

■ 20.3338, 0.5330,
0.4150

■ 58.2887, 0.2957,
0.3141

■ 63.6935, 0.2839,
0.3031

■ 69.4688, 0.2735,
0.2930

■ 74.4841, 0.2732,
0.3009

Harmonies

Analogous

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



33.1763, 0.4152, 0.3557



33.1763, 0.4083, 0.3940



33.1763, 0.3750, 0.4194

Triad

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



33.1763, 0.4083, 0.3940



33.1763, 0.2384, 0.3367



33.1763, 0.2921, 0.2550

Complementary

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



33.1763, 0.4083, 0.3940



26.1246, 0.2362, 0.2520

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.



33.1763, 0.2490, 0.2467



33.1763, 0.4083, 0.3940



33.1763, 0.2201, 0.2886

Square

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



33.1763, 0.4083, 0.3940



33.1763, 0.2766, 0.3875



33.1763, 0.2239, 0.2575



33.1763, 0.3448, 0.2793

Rectangle

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



33.1763, 0.4083, 0.3940



33.1763, 0.3435, 0.4228



33.1763, 0.2239, 0.2575



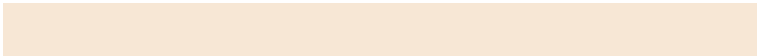
33.1763, 0.2761, 0.2503

Sweetspot

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



33.1779, 0.4083, 0.3940



81.7688, 0.3360, 0.3477



22.2067, 0.3776, 0.2698



17.5905, 0.3400, 0.3507



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



33.1779, 0.4083, 0.3940



53.8133, 0.4346, 0.4062



49.0760, 0.3807, 0.4444



10.3465, 0.3276, 0.3411



13.5218, 0.5311, 0.4165



0.6597, 0.4974, 0.4432

Inverse Universe

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



26.1246, 0.2362, 0.2520



39.7131, 0.2203, 0.2316



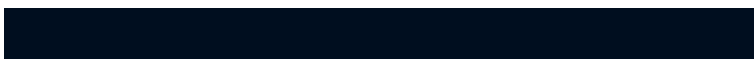
15.6729, 0.2245, 0.1815



9.9491, 0.2984, 0.3166



7.4683, 0.1752, 0.1508



0.4236, 0.1879, 0.1963

Previews

White Background



This preview shows how the Yxy color 33.1763, 0.4083, 0.3940 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 33.1763, 0.4083, 0.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

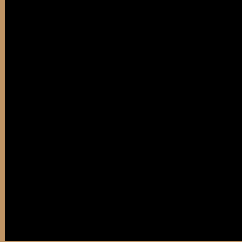
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1763, 0.4083, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 33.1763, 0.4083, 0.3940.



This preview shows how white text looks on a background with the Yxy color 33.1763, 0.4083, 0.3940.

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

33.1763, 0.4083, 0.3940

Protanopia

33.1912, 0.3766, 0.4072

Deuteranopia

33.1064, 0.4043, 0.3962



Tritanopia

33.0525, 0.3612, 0.3145

Trichromacy



Original Color

33.1763, 0.4083, 0.3940

Protanomaly

33.0889, 0.3879, 0.4021

Deuteranomaly

33.2338, 0.4054, 0.3959

Tritanomaly

33.1093, 0.3789, 0.3441

Monochromacy



Original Color

33.1763, 0.4083, 0.3940

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.5306, 0.3458, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1763, 0.4083, 0.3940 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(191, 148, 100)` looks like.

```
.text, #text, p{  
    color:rgb(191, 148, 100)  
}
```

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(191, 148, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 148, 100) }
```

Border

The CSS property to change the border of an element to Yxy 33.1763, 0.4083, 0.3940 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(191, 148, 100) }
```

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

```
.border{ border-color:rgb(191, 148, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 148, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 148, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 148, 100);  
box-shadow:4px 4px 4px 4px rgb(191, 148,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1763, 0.4083, 0.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 148, 100) }
```

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

```
.background{ background-color: rgb(191,  
148, 100) }
```

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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