

Converting Colors

$Yxy(32.0748, 0.3928, 0.3873)$

Have a look what the booklet for
Yxy(32.0748, 0.3928, 0.3873)
contains.

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Color

Yxy(32.1655, 0.3924, 0.3886)

Conversions

Conversions Part 1

Format	Color
Hex	B6946A
RGB	182, 148, 106
RGB Percent	71%, 58%, 42%
CMY	0.2863, 0.4196, 0.5844
CMYK	0.00, 0.19, 0.42, 0.29
HSL	33°, 34%, 56%
HSV	33°, 42%, 71%
XYZ	32.4800, 32.1655, 18.1272
YIQ	153.3780, 33.7460, -5.8540

Conversions

Conversions Part 2

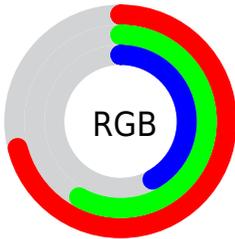
Format	Color
RYB	168, 182, 106
Decimal	11965546
CIELab	63.48, 6.98, 27.01
CIElCh	63, 27.898, 75.505
Yxy	32.1655, 0.3924, 0.3886
Android (android.graphics.Color)	4290155626 (0xFFB6946A)
YUV	153.3780, -23.3574, 25.1015
Hunter-Lab	56.7146, 2.9750, 20.7499

Details

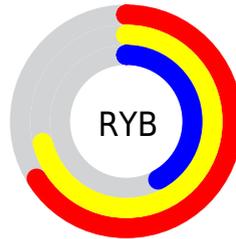
The Yxy color **32.1655, 0.3924, 0.3886** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.1847, 0.2454, 0.2602**, and the grayscale version is **32.1212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0604, 0.3762, 0.3773**, and **13.3669, 0.4177, 0.4049** is the 20% darker color. If you saturate the color by 10%, you get **29.3643, 0.4164, 0.4022**, and if you desaturate by 10%, it is **35.2295, 0.3701, 0.3741**.

Distribution



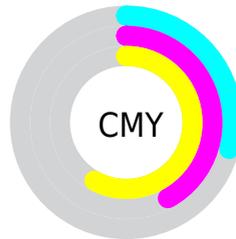
- Red (71%)
- Green (58%)
- Blue (42%)



- Red (66%)
- Yellow (71%)
- Blue (42%)



- Cyan (0%)
- Magenta (19%)
- Yellow (42%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1655, 0.3924, 0.3886 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 32.1655, 0.3924, 0.3886 by changing the saturation by 10% instead.

 32.1655, 0.3924,
0.3886

 32.1655, 0.3924,
0.3886

311.8725, 0.3503,
0.3582

 21.4879, 0.4035,
0.3961

 63.0705, 0.3766,
0.3775

 13.4811, 0.4179,
0.4056

 84.0666, 0.3709,
0.3734

 7.7607, 0.4372,
0.4176

 109.2711, 0.3660,
0.3698

 3.9422, 0.4640,
0.4327

 139.0684, 0.3619,
0.3668

 1.6413, 0.5274,
0.4726

173.8427, 0.3584,
0.3642

 0.3852, 0.5821,
0.4179

213.9786, 0.3553,

 0.0000, 0.0000,

0.3619

0.0000

259.8604, 0.3527,
0.3599

■ 32.1655, 0.3924,
0.3886

■ 32.1655, 0.3924,
0.3886

■ 29.3643, 0.4164,
0.4022

■ 35.2295, 0.3701,
0.3741

■ 26.8125, 0.4413,
0.4138

■ 38.5600, 0.3498,
0.3594

■ 24.5022, 0.4661,
0.4222

■ 42.1663, 0.3315,
0.3450

■ 22.4229, 0.4896,
0.4263

■ 46.0557, 0.3154,
0.3313

■ 20.5629, 0.5102,
0.4253

■ 50.2354, 0.3011,
0.3185

■ 19.1796, 0.5251,
0.4213

■ 54.7119, 0.2886,
0.3066

■ 59.4920, 0.2776,
0.2956

■ 64.5818, 0.2679,
0.2855

■ 68.9991, 0.2671,
0.2913

Harmonies

Analogous

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



32.1655, 0.4006, 0.3568



32.1655, 0.3924, 0.3886



32.1655, 0.3624, 0.4073

Triad

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



32.1655, 0.3924, 0.3886



32.1655, 0.2463, 0.3311



32.1655, 0.3002, 0.2666

Complementary

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



32.1655, 0.3924, 0.3886



25.1847, 0.2454, 0.2602

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.



32.1655, 0.2615, 0.2579



32.1655, 0.3924, 0.3886



32.1655, 0.2322, 0.2914

Square

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



32.1655, 0.3924, 0.3886



32.1655, 0.2779, 0.3740



32.1655, 0.2376, 0.2659



32.1655, 0.3452, 0.2892

Rectangle

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



32.1655, 0.3924, 0.3886



32.1655, 0.3349, 0.4075



32.1655, 0.2376, 0.2659



32.1655, 0.2861, 0.2620

Sweetspot

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



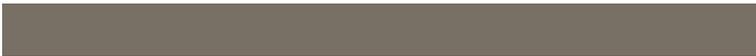
32.1670, 0.3924, 0.3886



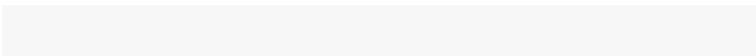
75.4743, 0.3341, 0.3471



22.1471, 0.3697, 0.2805



16.3451, 0.3380, 0.3502



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.



32.1670, 0.3924, 0.3886



53.6919, 0.4141, 0.4010



43.9787, 0.3705, 0.4318



9.8134, 0.3274, 0.3416



13.6806, 0.5235, 0.4225



0.6038, 0.4898, 0.4493

Inverse Universe

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



25.1847, 0.2454, 0.2602



39.3618, 0.2306, 0.2419



16.9825, 0.2396, 0.2035



9.3627, 0.2985, 0.3160



6.7078, 0.1730, 0.1429



0.3603, 0.1871, 0.1935

Previews

White Background



This preview shows how the Yxy color 32.1655, 0.3924, 0.3886 looks on a white background.

Color Contrast Check

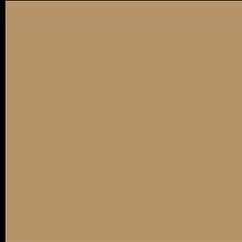
Large Text (above 18pt) WCAG AA × Fail

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 32.1655, 0.3924, 0.3886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

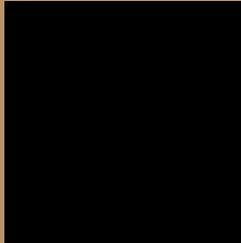
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1655, 0.3924, 0.3886

Background



This preview shows how black text looks on a background with the Yxy color 32.1655, 0.3924, 0.3886.



This preview shows how white text looks on a background with the Yxy color 32.1655, 0.3924, 0.3886.

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

32.1655, 0.3924, 0.3886

Protanopia

32.3009, 0.3696, 0.3981

Deuteranopia

32.0984, 0.3952, 0.3867



Tritanopia

32.2107, 0.3501, 0.3140

Trichromacy



Original Color

32.1655, 0.3924, 0.3886

Protanomaly

32.2887, 0.3782, 0.3952

Deuteranomaly

31.9753, 0.3941, 0.3870

Tritanomaly

32.0384, 0.3657, 0.3404

Monochromacy



Original Color

32.1655, 0.3924, 0.3886

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.8033, 0.3408, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1655, 0.3924, 0.3886 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(182, 148, 106)` looks like.

```
.text, #text, p{  
    color:rgb(182, 148, 106)  
}
```

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(182, 148, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 148, 106) }
```

Border

The CSS property to change the border of an element to Yxy 32.1655, 0.3924, 0.3886 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(182, 148, 106) }
```

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

```
.border{ border-color:rgb(182, 148, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 148, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 148, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 148, 106);  
box-shadow:4px 4px 4px 4px rgb(182, 148,  
106) }
```

Background

The CSS property to change the background color of an element to Yxy 32.1655, 0.3924, 0.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 148, 106) }
```

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

```
.background{ background-color: rgb(182,  
148, 106) }
```

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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