

Converting Colors

$Yxy(32.0914, 0.4044, 0.4089)$

Have a look what the booklet for
Yxy(32.0914, 0.4044, 0.4089)
contains.

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Color

Yxy(32.0914, 0.4044, 0.4089)

Conversions

Conversions Part 1

Format	Color
Hex	B5955C
RGB	181, 149, 92
RGB Percent	71%, 58%, 36%
CMY	0.2902, 0.4157, 0.6391
CMYK	0.00, 0.18, 0.49, 0.29
HSL	38°, 38%, 54%
HSV	38°, 49%, 71%
XYZ	31.7382, 32.0914, 14.6526
YIQ	152.0700, 37.3690, -10.9430

Conversions

Conversions Part 2

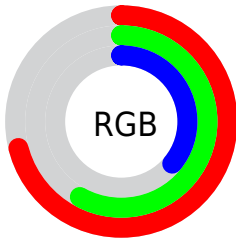
Format	Color
RYB	142, 181, 92
Decimal	11900252
CIELab	63.42, 4.56, 34.44
CIELCh	63, 34.739, 82.451
Yxy	32.0914, 0.4044, 0.4089
Android (android.graphics.Color)	4290090332 (0xFFB5955C)
YUV	152.0700, -29.6145, 25.3716
Hunter-Lab	56.6493, 0.8699, 24.3188

Details

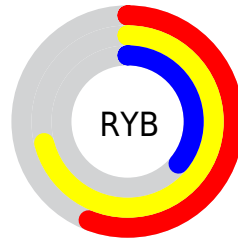
The Yxy color **32.0914, 0.4044, 0.4089** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.0387, 0.2308, 0.2315**, and the grayscale version is **31.5516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0458, 0.3873, 0.3944**, and **13.3528, 0.4327, 0.4303** is the 20% darker color. If you saturate the color by 10%, you get **29.8098, 0.4262, 0.4229**, and if you desaturate by 10%, it is **34.5669, 0.3831, 0.3931**.

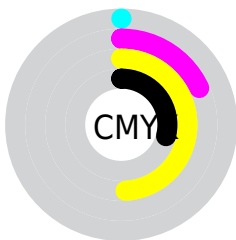
Distribution



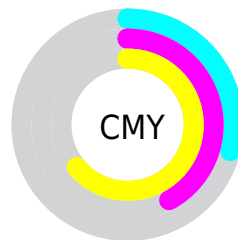
- Red (71%)
- Green (58%)
- Blue (36%)



- Red (56%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (18%)
- Yellow (49%)
- Black (29%)




- Cyan (29%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0914, 0.4044, 0.4089 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 32.0914, 0.4044, 0.4089 by changing the saturation by 10% instead.


 32.0914, 0.4044,
0.4089


 32.0914, 0.4044,
0.4089


311.5354, 0.3566,
0.3682


 21.4313, 0.4165,
0.4187


 62.9543, 0.3868,
0.3942


 13.4396, 0.4318,
0.4309


 83.9260, 0.3802,
0.3886

 7.7320, 0.4515,
0.4458


 109.1036, 0.3747,
0.3839

 3.9239, 0.4820,
0.4684

 138.8717, 0.3700,
0.3799

 1.6311, 0.5138,
0.4862

173.6145, 0.3659,
0.3764

 0.3784, 0.5545,
0.4455

213.7164, 0.3624,

 0.0000, 0.0000,

0.3733

0.0000

259.5619, 0.3593,
0.3706

■ 32.0914, 0.4044,
0.4089

■ 32.0914, 0.4044,
0.4089

■ 29.8098, 0.4262,
0.4229

■ 34.5669, 0.3831,
0.3931

■ 27.7103, 0.4475,
0.4341

■ 37.2385, 0.3628,
0.3764

■ 25.7861, 0.4673,
0.4412

■ 40.1140, 0.3440,
0.3596

■ 24.0281, 0.4846,
0.4434

■ 43.1994, 0.3269,
0.3433

■ 22.4207, 0.4991,
0.4412

■ 46.5002, 0.3115,
0.3277

■ 22.2909, 0.5003,
0.4409

■ 50.0218, 0.2977,
0.3131

■ 53.7693, 0.2854,
0.2995

■ 57.7476, 0.2745,
0.2870

■ 61.9614, 0.2648,
0.2755

Harmonies

Analogous

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



32.0914, 0.4226, 0.3713



32.0914, 0.4044, 0.4089



32.0914, 0.3619, 0.4287

Triad

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



32.0914, 0.4044, 0.4089



32.0914, 0.2250, 0.3180



32.0914, 0.3094, 0.2581

Complementary

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



32.0914, 0.4044, 0.4089



20.0387, 0.2308, 0.2315

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.



32.0914, 0.2590, 0.2431



32.0914, 0.4044, 0.4089



32.0914, 0.2137, 0.2724

Square

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



32.0914, 0.4044, 0.4089



32.0914, 0.2585, 0.3738



32.0914, 0.2256, 0.2471



32.0914, 0.3653, 0.2883

Rectangle

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



32.0914, 0.4044, 0.4089



32.0914, 0.3265, 0.4250



32.0914, 0.2256, 0.2471



32.0914, 0.2912, 0.2512

Sweetspot

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



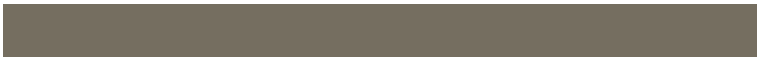
32.0929, 0.4044, 0.4089



73.9475, 0.3372, 0.3532



18.9561, 0.3961, 0.2826



15.7388, 0.3408, 0.3566



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



32.0929, 0.4044, 0.4089



53.0584, 0.4280, 0.4240



42.2769, 0.3724, 0.4518



9.3821, 0.3272, 0.3435



15.4997, 0.4990, 0.4420



0.5934, 0.4716, 0.4637

Inverse Universe

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



20.0387, 0.2308, 0.2315



29.0239, 0.2126, 0.2053



13.9324, 0.2312, 0.1803



8.7140, 0.2985, 0.3140



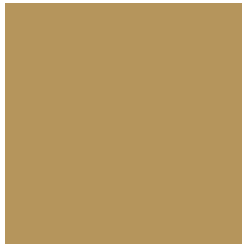
5.0363, 0.1660, 0.1174



0.2715, 0.1824, 0.1766

Previews

White Background



This preview shows how the Yxy color 32.0914, 0.4044, 0.4089 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 32.0914, 0.4044, 0.4089 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 32.0914, 0.4044, 0.4089

Background



This preview shows how black text looks on a background with the Yxy color 32.0914, 0.4044, 0.4089.



This preview shows how white text looks on a background with the Yxy color 32.0914, 0.4044, 0.4089.

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

32.0914, 0.4044, 0.4089

Protanopia

32.2442, 0.3850, 0.4176

Deuteranopia

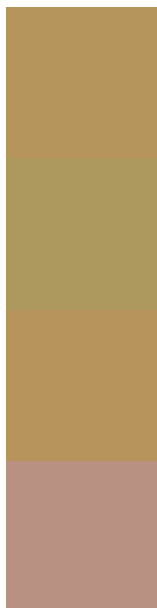
32.0969, 0.4104, 0.4033



Tritanopia

32.2107, 0.3501, 0.3140

Trichromacy



Original Color

32.0914, 0.4044, 0.4089

Protanomaly

32.1310, 0.3926, 0.4145

Deuteranomaly

32.1605, 0.4075, 0.4053

Tritanomaly

32.2038, 0.3708, 0.3488

Monochromacy



Original Color

32.0914, 0.4044, 0.4089

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.5315, 0.3458, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0914, 0.4044, 0.4089 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(181, 149, 92)` looks like.

```
.text, #text, p{  
    color:rgb(181, 149, 92)  
}
```

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(181, 149, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 149, 92) }
```

Border

The CSS property to change the border of an element to Yxy 32.0914, 0.4044, 0.4089 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(181, 149, 92) }
```

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

```
.border{ border-color:rgb(181, 149, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 149, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 149, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 149, 92);  
box-shadow:4px 4px 4px 4px rgb(181, 149,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0914, 0.4044, 0.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 149, 92) }
```

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

```
.background{ background-color: rgb(181,  
149, 92) }
```

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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