

Converting Colors

$Y_{xy}(32.5103, 0.4020, 0.3721)$

Have a look what the booklet for
Yxy(32.5103, 0.4020, 0.3721)
contains.

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Color

Yxy(32.5857, 0.4017, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	C29070
RGB	194, 144, 112
RGB Percent	76%, 56%, 44%
CMY	0.2391, 0.4353, 0.5608
CMYK	0.00, 0.26, 0.42, 0.24
HSL	23°, 40%, 60%
HSV	23°, 42%, 76%
XYZ	35.1495, 32.5857, 19.7667
YIQ	155.3020, 40.0720, 0.6480

Conversions

Conversions Part 2

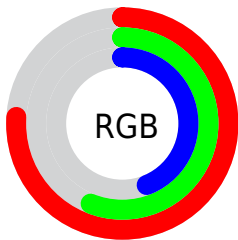
Format	Color
RYB	194, 164, 112
Decimal	12750960
CIELab	63.82, 14.82, 24.38
CIElCh	64, 28.534, 58.703
Yxy	32.5857, 0.4017, 0.3724
Android (android.graphics.Color)	4290941040 (0xFFC29070)
YUV	155.3020, -21.3479, 33.9381
Hunter-Lab	57.0839, 10.0149, 19.4281

Details

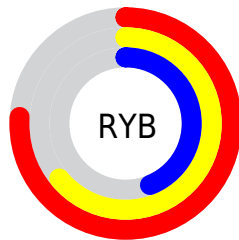
The Yxy color **32.5857, 0.4017, 0.3724** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.1896, 0.2478, 0.2802**, and the grayscale version is **33.0035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7639, 0.3837, 0.3650**, and **13.7788, 0.4294, 0.3840** is the 20% darker color. If you saturate the color by 10%, you get **28.8020, 0.4308, 0.3820**, and if you desaturate by 10%, it is **36.8414, 0.3756, 0.3619**.

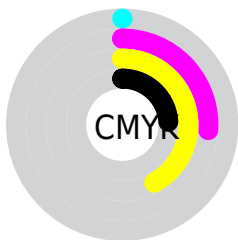
Distribution



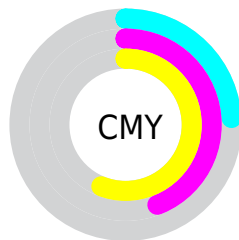
- Red (76%)
- Green (56%)
- Blue (44%)



- Red (76%)
- Yellow (64%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (24%)





- Cyan (24%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5857, 0.4017, 0.3724 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 32.5857, 0.4017, 0.3724 by changing the saturation by 10% instead.


 32.5857, 0.4017,
0.3724


 32.5857, 0.4017,
0.3724


313.7787, 0.3544,
0.3511


 21.8093, 0.4143,
0.3773


 63.7282, 0.3839,
0.3649


 13.7168, 0.4308,
0.3833


 84.8630, 0.3774,
0.3620

 7.9240, 0.4534,
0.3905


 110.2194, 0.3720,
0.3595

 4.0463, 0.4854,
0.3983

 140.1817, 0.3674,
0.3573

 1.6995, 0.5687,
0.4313

175.1344, 0.3634,
0.3555

 0.4233, 0.6435,
0.3565

215.4619, 0.3600,

 0.0000, 0.0000,

0.3538

0.0000

261.5485, 0.3570,
0.3524

■ 32.5857, 0.4017,
0.3724

■ 32.5857, 0.4017,
0.3724

■ 28.8020, 0.4308,
0.3820

■ 36.8414, 0.3756,
0.3619

■ 25.4681, 0.4624,
0.3897

■ 41.5809, 0.3528,
0.3513

■ 22.5666, 0.4951,
0.3944


■ 46.8214, 0.3331,
0.3409

■ 20.0771, 0.5266,
0.3946

■ 52.5778, 0.3162,
0.3311

■ 17.9767, 0.5545,
0.3897

■ 58.8643, 0.3017,
0.3220

 16.5976, 0.5730,
0.3832

 65.6947, 0.2893,
0.3136

 73.0819, 0.2787,
0.3059

 80.2267, 0.2758,
0.3114

 87.3707, 0.2769,
0.3241

Harmonies

Analogous

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



32.5857, 0.3953, 0.3369



32.5857, 0.4017, 0.3724



32.5857, 0.3826, 0.4003

Triad

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



32.5857, 0.4017, 0.3724



32.5857, 0.2612, 0.3563



32.5857, 0.2764, 0.2587

Complementary

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



32.5857, 0.4017, 0.3724



33.1896, 0.2478, 0.2802

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.



32.5857, 0.2448, 0.2590



32.5857, 0.4017, 0.3724



32.5857, 0.2364, 0.3120

Square

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



32.5857, 0.4017, 0.3724



32.5857, 0.3006, 0.3943



32.5857, 0.2308, 0.2771



32.5857, 0.3200, 0.2742

Rectangle

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



32.5857, 0.4017, 0.3724



32.5857, 0.3590, 0.4095



32.5857, 0.2308, 0.2771



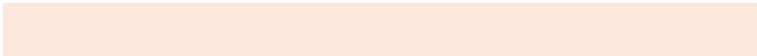
32.5857, 0.2642, 0.2569

Sweetspot

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



32.5873, 0.4017, 0.3724



83.8853, 0.3348, 0.3419



25.6899, 0.3536, 0.2624



17.8889, 0.3391, 0.3442



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.



32.5873, 0.4017, 0.3724



52.4709, 0.4294, 0.3816



47.1096, 0.3797, 0.4217



10.7079, 0.3279, 0.3380



11.0594, 0.5706, 0.3851



0.6119, 0.5293, 0.4179

Inverse Universe

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



33.1896, 0.2478, 0.2802



53.6660, 0.2341, 0.2669



21.1547, 0.2371, 0.2150



10.7473, 0.2984, 0.3198



11.2924, 0.1882, 0.1973



0.6187, 0.1972, 0.2299

Previews

White Background



This preview shows how the Yxy color 32.5857, 0.4017, 0.3724 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 32.5857, 0.4017, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

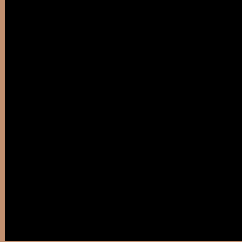
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5857, 0.4017, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 32.5857, 0.4017, 0.3724.



This preview shows how white text looks on a background with the Yxy color 32.5857, 0.4017, 0.3724.

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

32.5857, 0.4017, 0.3724

Protanopia

32.8340, 0.3605, 0.3861

Deuteranopia

32.5179, 0.3895, 0.3812



Tritanopia

32.6730, 0.3661, 0.3146

Trichromacy



Original Color

32.5857, 0.4017, 0.3724

Protanomaly

32.6011, 0.3751, 0.3813

Deuteranomaly

32.7065, 0.3944, 0.3790

Tritanomaly

32.6976, 0.3800, 0.3359

Monochromacy



Original Color

32.5857, 0.4017, 0.3724

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.4323, 0.3431, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5857, 0.4017, 0.3724 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(194, 144, 112)` looks like.

```
.text, #text, p{  
    color:rgb(194, 144, 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(194, 144, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 144, 112) }
```

Border

The CSS property to change the border of an element to Yxy 32.5857, 0.4017, 0.3724 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(194, 144, 112) }
```

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

```
.border{ border-color:rgb(194, 144, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 144, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 144, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 144, 112);  
box-shadow:4px 4px 4px 4px rgb(194, 144,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5857, 0.4017, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 144, 112) }
```

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

```
.background{ background-color: rgb(194,  
144, 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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