

Converting Colors

$Y_{xy}(32.3965, 0.3973, 0.3702)$

Have a look what the booklet for
Yxy(32.3965, 0.3973, 0.3702)
contains.

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Color

Yxy(32.3679, 0.3973, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	C09072
RGB	192, 144, 114
RGB Percent	75%, 56%, 45%
CMY	0.2471, 0.4353, 0.5528
CMYK	0.00, 0.25, 0.41, 0.25
HSL	23°, 38%, 60%
HSV	23°, 41%, 75%
XYZ	34.7467, 32.3679, 20.3425
YIQ	154.9320, 38.2380, 0.8460

Conversions

Conversions Part 2

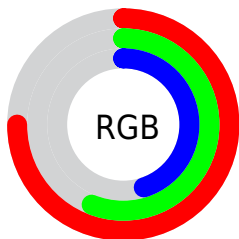
Format	Color
RYB	192, 163, 114
Decimal	12619890
CIELab	63.65, 14.21, 22.99
CIElCh	64, 27.026, 58.266
Yxy	32.3679, 0.3973, 0.3701
Android (android.graphics.Color)	4290809970 (0xFFC09072)
YUV	154.9320, -20.1795, 32.5086
Hunter-Lab	56.8928, 9.4548, 18.6253

Details

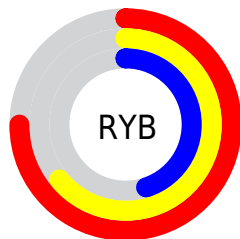
The Yxy color **32.3679, 0.3973, 0.3701** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.2237, 0.2504, 0.2832**, and the grayscale version is **32.8262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4653, 0.3805, 0.3631**, and **13.7171, 0.4249, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **28.5833, 0.4261, 0.3798**, and if you desaturate by 10%, it is **36.6219, 0.3717, 0.3597**.

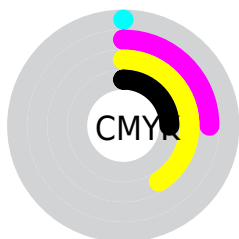
Distribution



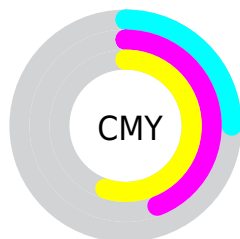
- Red (75%)
- Green (56%)
- Blue (45%)



- Red (75%)
- Yellow (64%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (41%)
- Black (25%)





- Cyan (25%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3679, 0.3973, 0.3701 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 32.3679, 0.3973, 0.3701 by changing the saturation by 10% instead.


 32.3679, 0.3973,
0.3701


 32.3679, 0.3973,
0.3701


312.7918, 0.3522,
0.3498


 21.6427, 0.4094,
0.3749


 63.3874, 0.3803,
0.3629


 13.5946, 0.4252,
0.3807


 84.4504, 0.3741,
0.3601

 7.8392, 0.4470,
0.3878


 109.7282, 0.3689,
0.3578

 3.9922, 0.4781,
0.3958

 139.6051, 0.3646,
0.3557

 1.6692, 0.5605,
0.4297

174.4655, 0.3608,
0.3540

 0.4036, 0.6442,
0.3558

214.6938, 0.3576,

 0.0000, 0.0000,

0.3524

0.0000

260.6744, 0.3547,
0.3510

■ 32.3679, 0.3973,
0.3701

■ 32.3679, 0.3973,
0.3701

■ 28.5833, 0.4261,
0.3798

■ 36.6219, 0.3717,
0.3597

■ 25.2461, 0.4575,
0.3878

■ 41.3570, 0.3494,
0.3492

■ 22.3396, 0.4903,
0.3929


■ 46.5900, 0.3301,
0.3391


■ 19.8435, 0.5225,
0.3939

■ 52.3356, 0.3136,
0.3296

■ 17.7358, 0.5514,
0.3898

■ 58.6078, 0.2995,
0.3207

 16.0812, 0.5744,
0.3821

 65.4202, 0.2875,
0.3125

 72.7856, 0.2771,
0.3050

 79.8775, 0.2747,
0.3112

 87.0041, 0.2758,
0.3239

Harmonies

Analogous

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



32.3679, 0.3908, 0.3362



32.3679, 0.3973, 0.3701



32.3679, 0.3796, 0.3966

Triad

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



32.3679, 0.3973, 0.3701



32.3679, 0.2643, 0.3555



32.3679, 0.2777, 0.2618

Complementary

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



32.3679, 0.3973, 0.3701



33.2237, 0.2504, 0.2832

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.



32.3679, 0.2477, 0.2625



32.3679, 0.3973, 0.3701



32.3679, 0.2403, 0.3136

Square

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



32.3679, 0.3973, 0.3701



32.3679, 0.3020, 0.3912



32.3679, 0.2346, 0.2802



32.3679, 0.3191, 0.2764

Rectangle

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



32.3679, 0.3973, 0.3701



32.3679, 0.3574, 0.4053



32.3679, 0.2346, 0.2802



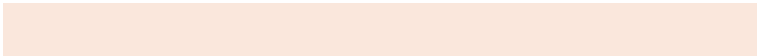
32.3679, 0.2661, 0.2602

Sweetspot

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



32.3694, 0.3973, 0.3701



82.8703, 0.3330, 0.3407



25.8565, 0.3514, 0.2650



17.5039, 0.3354, 0.3420



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.



32.3694, 0.3973, 0.3701



52.3341, 0.4236, 0.3790



46.2408, 0.3770, 0.4182



10.6989, 0.3280, 0.3379



10.9635, 0.5721, 0.3839



0.6073, 0.5305, 0.4170

Inverse Universe

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



33.2237, 0.2504, 0.2832



54.0600, 0.2372, 0.2707



21.5795, 0.2405, 0.2204



10.7566, 0.2984, 0.3199



11.4576, 0.1887, 0.1992



0.6252, 0.1976, 0.2314

Previews

White Background



This preview shows how the Yxy color 32.3679, 0.3973, 0.3701 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 32.3679, 0.3973, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

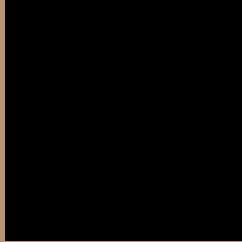
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3679, 0.3973, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 32.3679, 0.3973, 0.3701.



This preview shows how white text looks on a background with the Yxy color 32.3679, 0.3973, 0.3701.

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

32.3679, 0.3973, 0.3701

Protanopia

32.4424, 0.3579, 0.3819

Deuteranopia

32.4393, 0.3863, 0.3786



Tritanopia

32.2693, 0.3629, 0.3144

Trichromacy



Original Color

32.3679, 0.3973, 0.3701

Protanomaly

32.2110, 0.3724, 0.3773

Deuteranomaly

32.4988, 0.3902, 0.3766

Tritanomaly

32.3252, 0.3756, 0.3346

Monochromacy



Original Color

32.3679, 0.3973, 0.3701

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3515, 0.3411, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3679, 0.3973, 0.3701 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(192, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(192, 144, 114)  
}
```

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(192, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 144, 114) }
```

Border

The CSS property to change the border of an element to Yxy 32.3679, 0.3973, 0.3701 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(192, 144, 114) }
```

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

```
.border{ border-color:rgb(192, 144, 114) }
```

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

Here you see how a box with a 4 pixel rgb(192, 144, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(192, 144,  
114) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.3679, 0.3973, 0.3701$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 144, 114) }
```

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

```
.background{ background-color: rgb(192,  
144, 114) }
```

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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