

Converting Colors

$Y_{xy}(32.2820, 0.3993, 0.3621)$

Have a look what the booklet for
Yxy(32.2820, 0.3993, 0.3621)
contains.

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Color

Yxy(32.3661, 0.3996, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	C48E75
RGB	196, 142, 117
RGB Percent	77%, 56%, 46%
CMY	0.2314, 0.4431, 0.5412
CMYK	0.00, 0.28, 0.40, 0.23
HSL	19°, 40%, 61%
HSV	19°, 40%, 77%
XYZ	35.6491, 32.3661, 21.1968
YIQ	155.2960, 40.2090, 3.6730

Conversions

Conversions Part 2

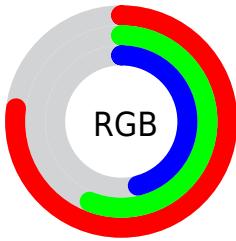
Format	Color
RYB	196, 154, 117
Decimal	12881525
CIELab	63.64, 17.29, 21.40
CIELCh	64, 27.515, 51.070
Yxy	32.3661, 0.3996, 0.3628
Android (android.graphics.Color)	4291071605 (0xFFC48E75)
YUV	155.2960, -18.8799, 35.6974
Hunter-Lab	56.8912, 12.2918, 17.7333

Details

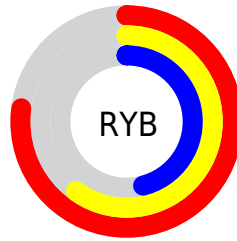
The Yxy color **32.3661, 0.3996, 0.3628** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.8914, 0.2520, 0.2918**, and the grayscale version is **32.9890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.4153, 0.3821, 0.3575**, and **13.6594, 0.4269, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **28.2040, 0.4304, 0.3708**, and if you desaturate by 10%, it is **37.1069, 0.3726, 0.3542**.

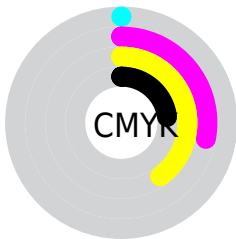
Distribution



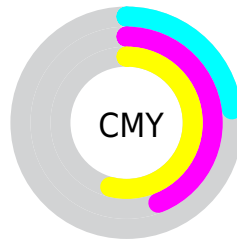
- Red (77%)
- Green (56%)
- Blue (46%)



- Red (77%)
- Yellow (60%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (23%)





- Cyan (23%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3661, 0.3996, 0.3628 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 32.3661, 0.3996, 0.3628 by changing the saturation by 10% instead.


 32.3661, 0.3996,
0.3628


 32.3661, 0.3996,
0.3628


312.7836, 0.3532,
0.3465


 21.6413, 0.4121,
0.3665


 63.3846, 0.3821,
0.3571

 13.5936, 0.4286,
0.3709


 84.4470, 0.3757,
0.3549

 7.8385, 0.4513,
0.3761


 109.7242, 0.3704,
0.3530

 3.9918, 0.4840,
0.3814

139.6003, 0.3659,
0.3513

 1.6690, 0.5609,
0.4033

174.4600, 0.3620,
0.3499

 0.4034, 0.6663,
0.3337

214.6875, 0.3587,

 0.0000, 0.0000,

0.3486

0.0000

260.6672, 0.3558,
0.3475

■ 32.3661, 0.3996,
0.3628

■ 32.3661, 0.3996,
0.3628

■ 28.2040, 0.4304,
0.3708

■ 37.1069, 0.3726,
0.3542

■ 24.5930, 0.4645,
0.3772

■ 42.4435, 0.3495,
0.3455

■ 21.5101, 0.5006,
0.3809


■ 48.3977, 0.3298,
0.3371

■ 18.9284, 0.5361,
0.3808

■ 54.9891, 0.3132,
0.3292


■ 16.8184, 0.5677,
0.3759

■ 62.2362, 0.2991,
0.3219

 15.1856, 0.5928,
0.3675

 70.1567, 0.2872,
0.3152

 78.7678, 0.2772,
0.3091

 86.8153, 0.2779,
0.3228

 90.4761, 0.2784,
0.3289

Harmonies

Analogous

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



32.3661, 0.3869, 0.3279



32.3661, 0.3996, 0.3628



32.3661, 0.3871, 0.3924

Triad

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



32.3661, 0.3996, 0.3628



32.3661, 0.2716, 0.3660



32.3661, 0.2684, 0.2593

Complementary

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



32.3661, 0.3996, 0.3628



36.8914, 0.2520, 0.2918

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.



32.3661, 0.2417, 0.2640



32.3661, 0.3996, 0.3628



32.3661, 0.2433, 0.3232

Square

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



32.3661, 0.3996, 0.3628



32.3661, 0.3121, 0.3983



32.3661, 0.2329, 0.2861



32.3661, 0.3085, 0.2707

Rectangle

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



32.3661, 0.3996, 0.3628



32.3661, 0.3670, 0.4046



32.3661, 0.2329, 0.2861



32.3661, 0.2577, 0.2590

Sweetspot

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



32.3677, 0.3996, 0.3628



85.5580, 0.3333, 0.3387



27.4481, 0.3434, 0.2575



17.9987, 0.3358, 0.3398



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.



32.3677, 0.3996, 0.3628



52.1979, 0.4254, 0.3696



45.7442, 0.3797, 0.4102



10.5866, 0.3281, 0.3363



9.8953, 0.5902, 0.3695



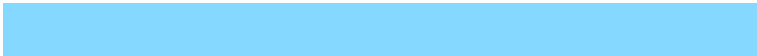
0.5537, 0.5456, 0.4050

Inverse Universe

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



36.8914, 0.2520, 0.2918



61.4177, 0.2405, 0.2825



24.4872, 0.2427, 0.2316



10.8733, 0.2984, 0.3215



13.6697, 0.1954, 0.2234



0.7099, 0.2027, 0.2497

Previews

White Background



This preview shows how the Yxy color 32.3661, 0.3996, 0.3628 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 32.3661, 0.3996, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

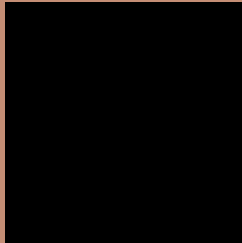
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3661, 0.3996, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 32.3661, 0.3996, 0.3628.



This preview shows how white text looks on a background with the Yxy color 32.3661, 0.3996, 0.3628.

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

32.3661, 0.3996, 0.3628

Protanopia

32.4338, 0.3529, 0.3760

Deuteranopia

32.3858, 0.3821, 0.3746



Tritanopia

32.4572, 0.3698, 0.3160

Trichromacy



Original Color

32.3661, 0.3996, 0.3628

Protanomaly

32.4233, 0.3694, 0.3713

Deuteranomaly

32.3835, 0.3886, 0.3710

Tritanomaly

32.2771, 0.3808, 0.3319

Monochromacy



Original Color

32.3661, 0.3996, 0.3628

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.2818, 0.3424, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3661, 0.3996, 0.3628 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(196, 142, 117)` looks like.

```
.text, #text, p{  
    color:rgb(196, 142, 117)  
}
```

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(196, 142, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 142, 117) }
```

Border

The CSS property to change the border of an element to Yxy 32.3661, 0.3996, 0.3628 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(196, 142, 117) }
```

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

```
.border{ border-color:rgb(196, 142, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 142, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 142, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 142, 117);  
box-shadow:4px 4px 4px 4px rgb(196, 142,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3661, 0.3996, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 142, 117) }
```

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

```
.background{ background-color: rgb(196,  
142, 117) }
```

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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