

Converting Colors

$Yxy(32.3102, 0.4997, 0.4094)$

Have a look what the booklet for
Yxy(32.3102, 0.4997, 0.4094)
contains.

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Color

Yxy(32.3102, 0.4997, 0.4094)

Conversions

Conversions Part 1

Format	Color
Hex	E08332
RGB	224, 131, 50
RGB Percent	88%, 51%, 20%
CMY	0.1215, 0.4863, 0.8040
CMYK	0.00, 0.42, 0.78, 0.12
HSL	28°, 74%, 54%
HSV	28°, 78%, 88%
XYZ	39.4368, 32.3102, 7.1739
YIQ	149.5730, 81.4290, -5.4750

Conversions

Conversions Part 2

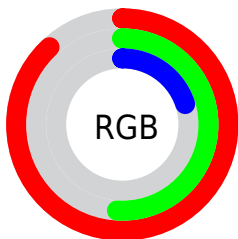
Format	Color
R _Y B	224, 202, 50
Decimal	14713650
CIE Lab	63.60, 29.83, 56.46
CIE LCh	64, 63.856, 62.150
Yxy	32.3102, 0.4997, 0.4094
Android (android.graphics.Color)	4292903730 (0xFFE08332)
YUV	149.5730, -49.0895, 65.2725
Hunter-Lab	56.8421, 24.3688, 32.3066

Details

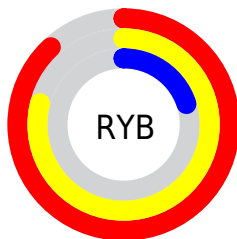
The Yxy color **32.3102, 0.4997, 0.4094** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **25.7090, 0.1976, 0.2065**, and the grayscale version is **30.4950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9172, 0.4411, 0.4117**, and **13.6714, 0.5402, 0.4093** is the 20% darker color. If you saturate the color by 10%, you get **29.1309, 0.5259, 0.4080**, and if you desaturate by 10%, it is **35.9592, 0.4709, 0.4057**.

Distribution



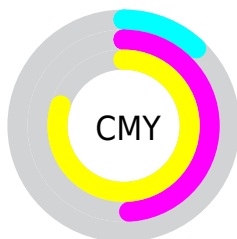
- Red (88%)
- Green (51%)
- Blue (20%)



- Red (88%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (42%)
- Yellow (78%)
- Black (12%)





- Cyan (12%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3102, 0.4997, 0.4094 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 32.3102, 0.4997, 0.4094 by changing the saturation by 10% instead.


 32.3102, 0.4997,
0.4094


 32.3102, 0.4997,
0.4094

312.5299, 0.4054,
0.3783


 21.5985, 0.5209,
0.4124


 63.2971, 0.4666,
0.4013

 13.5622, 0.5458,
0.4130


 84.3411, 0.4537,
0.3972


 7.8168, 0.5813,
0.4133


 109.5980, 0.4426,
0.3934

 3.9780, 0.6065,
0.3935

 139.4522, 0.4331,
0.3898

 1.6612, 0.6410,
0.3590

 174.2881, 0.4248,
0.3865

 0.3984, 0.7403,
0.2597

 214.4901, 0.4175,

 0.0000, 1.0000,

0.3835

0.0000

260.4425, 0.4111,
0.3808

■ 0.0000, 0.0000,
0.0000

■ 32.3102, 0.4997,
0.4094

■ 32.3102, 0.4997,
0.4094

■ 29.1309, 0.5259,
0.4080

■ 35.9592, 0.4709,
0.4057

■ 26.3869, 0.5480,
0.4012

■ 40.0969, 0.4417,
0.3979


■ 25.8066, 0.5528,
0.3993


■ 44.7468, 0.4135,
0.3873


■ 49.9291, 0.3874,
0.3753

■ 55.6625, 0.3639,
0.3626

 61.9647, 0.3432,
0.3500

 68.8526, 0.3250,
0.3379

 76.3421, 0.3093,
0.3264

 84.4486, 0.2956,
0.3158

Harmonies

Analogous

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



32.3102, 0.5018, 0.3404



32.3102, 0.4997, 0.4094



32.3102, 0.4437, 0.4768

Triad

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



32.3102, 0.4997, 0.4094



32.3102, 0.1928, 0.3760



32.3102, 0.2421, 0.1919

Complementary

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



32.3102, 0.4997, 0.4094



25.7090, 0.1976, 0.2065

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.



32.3102, 0.1799, 0.1854



32.3102, 0.4997, 0.4094



32.3102, 0.1543, 0.2715

Square

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



32.3102, 0.4997, 0.4094



32.3102, 0.2669, 0.4817



32.3102, 0.1512, 0.2090



32.3102, 0.3362, 0.2239

Rectangle

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



32.3102, 0.4997, 0.4094



32.3102, 0.3889, 0.5090



32.3102, 0.1512, 0.2090



32.3102, 0.2175, 0.1867

Sweetspot

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



32.3119, 0.4997, 0.4094



78.3850, 0.3542, 0.3569



20.1966, 0.4295, 0.2341



16.1331, 0.3620, 0.3615



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.



32.3119, 0.4997, 0.4094



36.8037, 0.5396, 0.4045



64.8431, 0.4184, 0.4870



14.7470, 0.3280, 0.3399



15.2439, 0.5503, 0.4013



1.2345, 0.5249, 0.4214

Inverse Universe

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



25.7090, 0.1976, 0.2065



27.4795, 0.1839, 0.1781



9.1568, 0.1684, 0.0945



14.4505, 0.2981, 0.3178



11.1468, 0.1806, 0.1700



0.9514, 0.1879, 0.1965

Previews

White Background



This preview shows how the Yxy color 32.3102, 0.4997, 0.4094 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 32.3102, 0.4997, 0.4094 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 32.3102, 0.4997, 0.4094

Background



This preview shows how black text looks on a background with the Yxy color 32.3102, 0.4997, 0.4094.



This preview shows how white text looks on a background with the Yxy color 32.3102, 0.4997, 0.4094.

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

32.3102, 0.4997, 0.4094

Protanopia

32.6124, 0.4193, 0.4609

Deuteranopia

32.5262, 0.4561, 0.4474



Tritanopia

32.3258, 0.4266, 0.3189

Trichromacy



Original Color

32.3102, 0.4997, 0.4094

Protanomaly

32.0306, 0.4498, 0.4408

Deuteranomaly

32.2341, 0.4727, 0.4326

Tritanomaly

32.2119, 0.4598, 0.3565

Monochromacy



Original Color

32.3102, 0.4997, 0.4094

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2069, 0.3811, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3102, 0.4997, 0.4094 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(224, 131, 50)` looks like.

```
.text, #text, p{  
    color:rgb(224, 131, 50)  
}
```

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(224, 131, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 131, 50) }
```

Border

The CSS property to change the border of an element to Yxy 32.3102, 0.4997, 0.4094 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(224, 131, 50) }
```

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

```
.border{ border-color:rgb(224, 131, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 131, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 131, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 131, 50);  
box-shadow:4px 4px 4px 4px rgb(224, 131,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3102, 0.4997, 0.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 131, 50) }
```

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

```
.background{ background-color: rgb(224,  
131, 50) }
```

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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