

Converting Colors

$Y_{xy}(32.8519, 0.4514, 0.3522)$

Have a look what the booklet for
Yxy(32.8519, 0.4514, 0.3522)
contains.

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Color

Yxy(32.8519, 0.4514, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	E3806C
RGB	227, 128, 108
RGB Percent	89%, 50%, 42%
CMY	0.1098, 0.4980, 0.5763
CMYK	0.00, 0.44, 0.52, 0.11
HSL	10°, 68%, 66%
HSV	10°, 52%, 89%
XYZ	42.1049, 32.8519, 18.3195
YIQ	155.3210, 65.4240, 14.7680

Conversions

Conversions Part 2

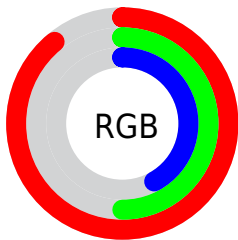
Format	Color
R _{YB}	227, 132, 108
Decimal	14909548
CIE Lab	64.04, 36.15, 27.59
CIE LCh	64, 45.477, 37.350
Yxy	32.8519, 0.4514, 0.3522
Android (android.graphics.Color)	4293099628 (0xFFE3806C)
YUV	155.3210, -23.3293, 62.8625
Hunter-Lab	57.3166, 30.8226, 21.1714

Details

The Yxy color **32.8519, 0.4514, 0.3522** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **53.3746, 0.2401, 0.3024**, and the grayscale version is **33.0140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2540, 0.3958, 0.3524**, and **13.9588, 0.4965, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **27.9537, 0.4927, 0.3548**, and if you desaturate by 10%, it is **38.7966, 0.4145, 0.3483**.

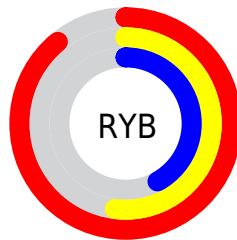
Distribution



Red (89%)

Green (50%)

Blue (42%)



Red (89%)

Yellow (52%)

Blue (42%)

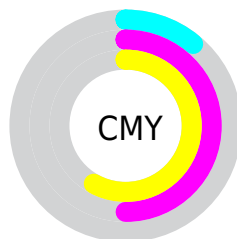


Cyan (0%)

Magenta (44%)

Yellow (52%)

Black (11%)



Cyan (11%)


Magenta (50%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8519, 0.4514, 0.3522 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 32.8519, 0.4514, 0.3522 by changing the saturation by 10% instead.


 32.8519, 0.4514,
0.3522


 32.8519, 0.4514,
0.3522


314.9819, 0.3777,
0.3439


 22.0130, 0.4708,
0.3528


 64.1442, 0.4238,
0.3502

 13.8665, 0.4960,
0.3525


 85.3665, 0.4136,
0.3491

 8.0278, 0.5298,
0.3502


 110.8186, 0.4052,
0.3481

 4.1128, 0.5764,
0.3428

 140.8851, 0.3980,
0.3471

 1.7368, 0.6655,
0.3345

175.9503, 0.3918,
0.3462

 0.4473, 0.7577,
0.2423

216.3985, 0.3865,

 0.0000, 1.0000,

0.3454

0.0000

262.6142, 0.3818,
0.3446

0.0000, 0.0000,
0.0000

32.8519, 0.4514,
0.3522

32.8519, 0.4514,
0.3522

27.9537, 0.4927,
0.3548

38.7966, 0.4145,
0.3483

24.0358, 0.5357,
0.3553

45.8386, 0.3828,
0.3437

21.0326, 0.5759,
0.3528

54.0315, 0.3563,
0.3389


18.8677, 0.6078,
0.3472

63.4240, 0.3345,
0.3343

17.7230, 0.6248,
0.3421

74.0619, 0.3165,
0.3300

 85.9884, 0.3018,
0.3260

 95.0700, 0.2958,
0.3290

Harmonies

Analogous

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



32.8519, 0.4125, 0.3002



32.8519, 0.4514, 0.3522



32.8519, 0.4465, 0.4049

Triad

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



32.8519, 0.4514, 0.3522



32.8519, 0.2719, 0.4222



32.8519, 0.2200, 0.2201

Complementary

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



32.8519, 0.4514, 0.3522



53.3746, 0.2401, 0.3024

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.



32.8519, 0.1923, 0.2365



32.8519, 0.4514, 0.3522



32.8519, 0.2185, 0.3500

Square

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



32.8519, 0.4514, 0.3522



32.8519, 0.3399, 0.4592



32.8519, 0.1914, 0.2807



32.8519, 0.2730, 0.2280

Rectangle

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



32.8519, 0.4514, 0.3522



32.8519, 0.4215, 0.4354



32.8519, 0.1914, 0.2807



32.8519, 0.2078, 0.2227

Sweetspot

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



32.8536, 0.4514, 0.3522



77.8640, 0.3421, 0.3360



31.5764, 0.3389, 0.2214



16.1221, 0.3466, 0.3370



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.



32.8536, 0.4514, 0.3522



35.8265, 0.4969, 0.3550



53.0997, 0.4112, 0.4180



14.7569, 0.3288, 0.3330



10.4510, 0.6228, 0.3437



0.8897, 0.5970, 0.3642

Inverse Universe

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



53.3746, 0.2401, 0.3024



65.1229, 0.2292, 0.2959



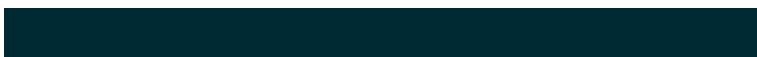
29.8190, 0.2230, 0.2173



15.9029, 0.2981, 0.3250



24.5829, 0.2097, 0.2747



1.9263, 0.2121, 0.2835

Previews

White Background



This preview shows how the Yxy color 32.8519, 0.4514, 0.3522 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 32.8519, 0.4514, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

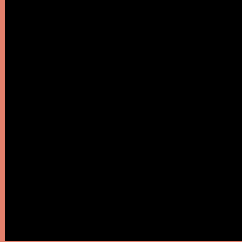
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8519, 0.4514, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 32.8519, 0.4514, 0.3522.



This preview shows how white text looks on a background with the Yxy color 32.8519, 0.4514, 0.3522.

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

32.8519, 0.4514, 0.3522

Protanopia

32.9057, 0.3576, 0.3816

Deuteranopia

33.0592, 0.3993, 0.3912



Tritanopia

32.7668, 0.4259, 0.3190

Trichromacy



Original Color

32.8519, 0.4514, 0.3522

Protanomaly

32.2031, 0.3903, 0.3694

Deuteranomaly

32.6262, 0.4197, 0.3759

Tritanomaly

32.6164, 0.4354, 0.3305

Monochromacy



Original Color

32.8519, 0.4514, 0.3522

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.9095, 0.3589, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8519, 0.4514, 0.3522 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(227, 128, 108)` looks like.

```
.text, #text, p{  
    color:rgb(227, 128, 108)  
}
```

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(227, 128, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 128, 108) }
```

Border

The CSS property to change the border of an element to Yxy 32.8519, 0.4514, 0.3522 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(227, 128, 108) }
```

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

```
.border{ border-color:rgb(227, 128, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 128, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 128, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 128, 108);  
box-shadow:4px 4px 4px 4px rgb(227, 128,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8519, 0.4514, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 128, 108) }
```

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

```
.background{ background-color: rgb(227,  
128, 108) }
```

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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