

Converting Colors

$Y_{xy}(32.3720, 0.4473, 0.3527)$

Have a look what the booklet for
Yxy(32.3720, 0.4473, 0.3527)
contains.

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Color

Yxy(32.2090, 0.4474, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	DF806C
RGB	223, 128, 108
RGB Percent	87%, 50%, 42%
CMY	0.1255, 0.4980, 0.5764
CMYK	0.00, 0.43, 0.52, 0.13
HSL	10°, 64%, 65%
HSV	10°, 52%, 87%
XYZ	40.8571, 32.2090, 18.2551
YIQ	154.1250, 63.0400, 13.9200

Conversions

Conversions Part 2

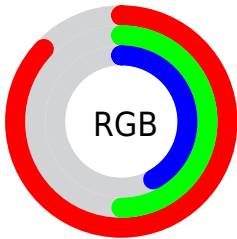
Format	Color
R _Y B	223, 132, 108
Decimal	14647404
CIE Lab	63.52, 34.61, 26.81
CIE LCh	64, 43.784, 37.763
Yxy	32.2090, 0.4474, 0.3527
Android (android.graphics.Color)	4292837484 (0xFFDF806C)
YUV	154.1250, -22.7396, 60.4034
Hunter-Lab	56.7530, 29.1865, 20.6559

Details

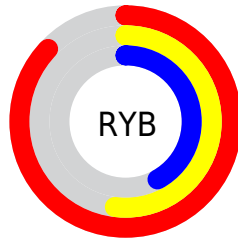
The Yxy color **32.2090, 0.4474, 0.3527** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **51.2307, 0.2409, 0.3020**, and the grayscale version is **32.4552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2540, 0.3958, 0.3524**, and **13.5265, 0.4916, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **27.4172, 0.4881, 0.3556**, and if you desaturate by 10%, it is **37.9981, 0.4111, 0.3485**.

Distribution



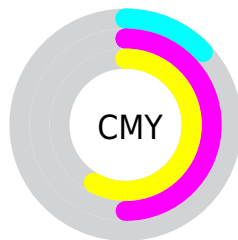
- Red (87%)
- Green (50%)
- Blue (42%)



- Red (87%)
- Yellow (52%)
- Blue (42%)



- Cyan (0%)
- Magenta (43%)
- Yellow (52%)
- Black (13%)





- Cyan (13%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2090, 0.4474, 0.3527 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 32.2090, 0.4474, 0.3527 by changing the saturation by 10% instead.


 32.2090, 0.4474,
0.3527

 32.2090, 0.4474,
0.3527


312.0702, 0.3756,
0.3439


 21.5212, 0.4664,
0.3535


 63.1386, 0.4204,
0.3504


 13.5055, 0.4913,
0.3536


 84.1492, 0.4105,
0.3493

 7.7776, 0.5247,
0.3517


 109.3694, 0.4022,
0.3482

 3.9529, 0.5712,
0.3450

 139.1838, 0.3953,
0.3472

 1.6473, 0.6618,
0.3382

173.9767, 0.3893,
0.3463

 0.3892, 0.7658,
0.2342

214.1324, 0.3841,

 0.0000, 1.0000,

0.3454

0.0000

260.0355, 0.3795,
0.3446

0.0000, 0.0000,
0.0000

32.2090, 0.4474,
0.3527

32.2090, 0.4474,
0.3527

27.4172, 0.4881,
0.3556

37.9981, 0.4111,
0.3485

23.5609, 0.5308,
0.3564

44.8315, 0.3801,
0.3437

20.5792, 0.5713,
0.3542

52.7595, 0.3542,
0.3389

18.4017, 0.6042,
0.3488

61.8274, 0.3328,
0.3341

17.1234, 0.6238,
0.3429

72.0780, 0.3152,
0.3297

■ 83.5520, 0.3007,
0.3256

■ 94.4273, 0.2935,
0.3289

Harmonies

Analogous

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



32.2090, 0.4102, 0.3018



32.2090, 0.4474, 0.3527



32.2090, 0.4424, 0.4039

Triad

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



32.2090, 0.4474, 0.3527



32.2090, 0.2725, 0.4182



32.2090, 0.2231, 0.2230

Complementary

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



32.2090, 0.4474, 0.3527



51.2307, 0.2409, 0.3020

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.



32.2090, 0.1956, 0.2388



32.2090, 0.4474, 0.3527



32.2090, 0.2207, 0.3485

Square

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



32.2090, 0.4474, 0.3527



32.2090, 0.3385, 0.4547



32.2090, 0.1945, 0.2816



32.2090, 0.2751, 0.2309

Rectangle

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



32.2090, 0.4474, 0.3527



32.2090, 0.4179, 0.4332



32.2090, 0.1945, 0.2816



32.2090, 0.2111, 0.2254

Sweetspot

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



32.2106, 0.4474, 0.3527



79.2463, 0.3399, 0.3358



30.7675, 0.3384, 0.2230



16.4006, 0.3444, 0.3368



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.



32.2106, 0.4474, 0.3527



36.6341, 0.4919, 0.3558



51.3301, 0.4093, 0.4167



14.0838, 0.3288, 0.3331



10.1831, 0.6217, 0.3446



0.8222, 0.5939, 0.3667

Inverse Universe

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



51.2307, 0.2409, 0.3020



64.9743, 0.2299, 0.2953



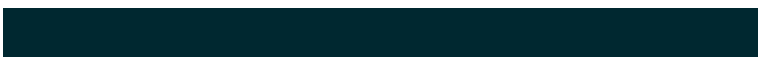
29.1803, 0.2245, 0.2196



15.1456, 0.2982, 0.3248



23.4930, 0.2091, 0.2727



1.7365, 0.2118, 0.2823

Previews

White Background



This preview shows how the Yxy color 32.2090, 0.4474, 0.3527 looks on a white background.

Color Contrast Check

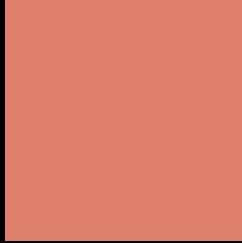
Large Text (above 18pt) WCAG AA × Fail

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 32.2090, 0.4474, 0.3527 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 32.2090, 0.4474, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 32.2090, 0.4474, 0.3527.



This preview shows how white text looks on a background with the Yxy color 32.2090, 0.4474, 0.3527.

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

32.2090, 0.4474, 0.3527

Protanopia

32.4424, 0.3579, 0.3819

Deuteranopia

32.4936, 0.3977, 0.3905



Tritanopia

32.1163, 0.4217, 0.3187

Trichromacy



Original Color

32.2090, 0.4474, 0.3527

Protanomaly

31.9277, 0.3891, 0.3712

Deuteranomaly

32.2118, 0.4165, 0.3766

Tritanomaly

31.9698, 0.4313, 0.3305

Monochromacy



Original Color

32.2090, 0.4474, 0.3527

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6406, 0.3577, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2090, 0.4474, 0.3527 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(223, 128, 108)` looks like.

```
.text, #text, p{  
    color:rgb(223, 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(223, 128, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 128, 108) }
```

Border

The CSS property to change the border of an element to Yxy 32.2090, 0.4474, 0.3527 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(223, 128, 108) }
```

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

```
.border{ border-color:rgb(223, 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(223, 128, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 128, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 128, 108);  
box-shadow:4px 4px 4px 4px rgb(223, 128,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2090, 0.4474, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 128, 108) }
```

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

```
.background{ background-color: rgb(223,  
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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