

Converting Colors

$Y_{xy}(32.3881, 0.4429, 0.3633)$

Have a look what the booklet for
Yxy(32.3881, 0.4429, 0.3633)
contains.

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Color

Yxy(32.2537, 0.4430, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	D98468
RGB	217, 132, 104
RGB Percent	85%, 52%, 41%
CMY	0.1489, 0.4824, 0.5921
CMYK	0.00, 0.39, 0.52, 0.15
HSL	15°, 60%, 63%
HSV	15°, 52%, 85%
XYZ	39.3728, 32.2537, 17.2512
YIQ	154.2230, 59.6480, 9.3120

Conversions

Conversions Part 2

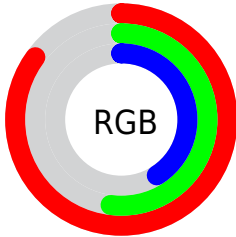
Format	Color
R _{YB}	217, 141, 104
Decimal	14255208
CIE Lab	63.55, 29.83, 28.94
CIE LCh	64, 41.558, 44.130
Yxy	32.2537, 0.4430, 0.3629
Android (android.graphics.Color)	4292445288 (0xFFD98468)
YUV	154.2230, -24.7599, 55.0554
Hunter-Lab	56.7923, 24.3633, 21.7448

Details

The Yxy color **32.2537, 0.4430, 0.3629** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.3767, 0.2380, 0.2898**, and the grayscale version is **32.5102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7444, 0.3985, 0.3617**, and **13.4395, 0.4852, 0.3672** is the 20% darker color. If you saturate the color by 10%, you get **27.7820, 0.4808, 0.3673**, and if you desaturate by 10%, it is **37.5356, 0.4090, 0.3569**.

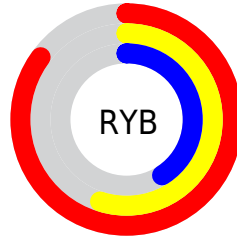
Distribution



Red (85%)

Green (52%)

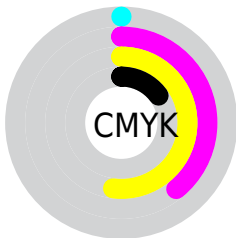
Blue (41%)



Red (85%)

Yellow (55%)

Blue (41%)

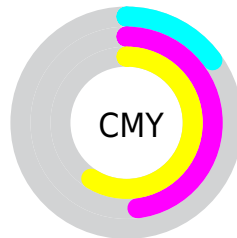


Cyan (0%)

Magenta (39%)

Yellow (52%)

Black (15%)



Cyan (15%)


Magenta (48%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2537, 0.4430, 0.3629 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 32.2537, 0.4430, 0.3629 by changing the saturation by 10% instead.


 32.2537, 0.4430,
0.3629


 32.2537, 0.4430,
0.3629


312.2733, 0.3736,
0.3487


 21.5554, 0.4613,
0.3651


 63.2086, 0.4170,
0.3586

 13.5305, 0.4850,
0.3670


 84.2339, 0.4074,
0.3567

 7.7949, 0.5169,
0.3674


 109.4704, 0.3995,
0.3550

 3.9640, 0.5611,
0.3640

 139.3024, 0.3927,
0.3535

 1.6534, 0.6412,
0.3588

174.1143, 0.3869,
0.3521

 0.3932, 0.7418,
0.2582

214.2904, 0.3819,

 0.0000, 1.0000,

0.3508

0.0000

260.2153, 0.3775,
0.3497

0.0000, 0.0000,
0.0000

32.2537, 0.4430,
0.3629

32.2537, 0.4430,
0.3629

27.7820, 0.4808,
0.3673

37.5356, 0.4090,
0.3569

24.0744, 0.5204,
0.3690

43.6607, 0.3795,
0.3502

21.0877, 0.5583,
0.3670

50.6663, 0.3544,
0.3433

18.7716, 0.5903,
0.3608

58.5857, 0.3335,
0.3366

17.3683, 0.6099,
0.3539

67.4508, 0.3160,
0.3303

■ 77.2915, 0.3014,
0.3244

■ 88.0761, 0.2897,
0.3200

■ 93.4965, 0.2900,
0.3289

Harmonies

Analogous

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



32.2537, 0.4157, 0.3134



32.2537, 0.4430, 0.3629



32.2537, 0.4304, 0.4106

Triad

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



32.2537, 0.4430, 0.3629



32.2537, 0.2626, 0.4008



32.2537, 0.2360, 0.2275

Complementary

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



32.2537, 0.4430, 0.3629



44.3767, 0.2380, 0.2898

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.



32.2537, 0.2043, 0.2379



32.2537, 0.4430, 0.3629



32.2537, 0.2176, 0.3331

Square

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



32.2537, 0.4430, 0.3629



32.2537, 0.3241, 0.4442



32.2537, 0.1978, 0.2735



32.2537, 0.2902, 0.2394

Rectangle

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



32.2537, 0.4430, 0.3629



32.2537, 0.4033, 0.4356



32.2537, 0.1978, 0.2735



32.2537, 0.2227, 0.2283

Sweetspot

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



32.2553, 0.4430, 0.3629



79.5968, 0.3416, 0.3392



28.4071, 0.3473, 0.2297



16.5304, 0.3459, 0.3406



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.



32.2553, 0.4430, 0.3629



39.7377, 0.4827, 0.3675



51.2520, 0.4054, 0.4252



13.5724, 0.3285, 0.3349



10.6515, 0.6075, 0.3559



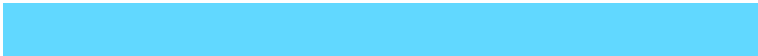
0.8262, 0.5753, 0.3814

Inverse Universe

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



44.3767, 0.2380, 0.2898



58.8015, 0.2264, 0.2803



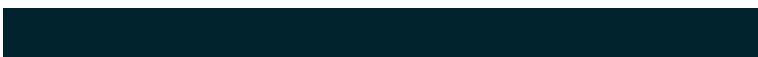
25.0481, 0.2215, 0.2071



14.2552, 0.2982, 0.3231



19.1270, 0.2020, 0.2472



1.3716, 0.2062, 0.2621

Previews

White Background



This preview shows how the Yxy color 32.2537, 0.4430, 0.3629 looks on a white background.

Color Contrast Check

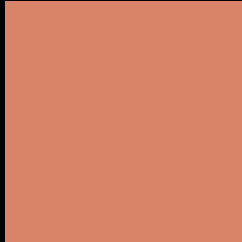
Large Text (above 18pt) WCAG AA × Fail

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 32.2537, 0.4430, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

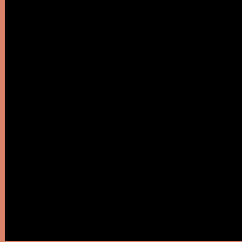
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2537, 0.4430, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 32.2537, 0.4430, 0.3629.



This preview shows how white text looks on a background with the Yxy color 32.2537, 0.4430, 0.3629.

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

32.2537, 0.4430, 0.3629

Protanopia

32.4104, 0.3648, 0.3907

Deuteranopia

32.4337, 0.4007, 0.3945



Tritanopia

32.2005, 0.4100, 0.3172

Trichromacy



Original Color

32.2537, 0.4430, 0.3629

Protanomaly

31.9978, 0.3927, 0.3797

Deuteranomaly

32.1756, 0.4168, 0.3821

Tritanomaly

32.2413, 0.4225, 0.3342

Monochromacy



Original Color

32.2537, 0.4430, 0.3629

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.6825, 0.3563, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2537, 0.4430, 0.3629 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(217, 132, 104)` looks like.

```
.text, #text, p{  
    color:rgb(217, 132, 104)  
}
```

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(217, 132, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 132, 104) }
```

Border

The CSS property to change the border of an element to Yxy 32.2537, 0.4430, 0.3629 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(217, 132, 104) }
```

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

```
.border{ border-color:rgb(217, 132, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 132, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 132, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 132, 104);  
box-shadow:4px 4px 4px 4px rgb(217, 132,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2537, 0.4430, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 132, 104) }
```

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

```
.background{ background-color: rgb(217,  
132, 104) }
```

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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