

Converting Colors

$Y_{xy}(25.6487, 0.4739, 0.3390)$

Have a look what the booklet for
Yxy(25.6487, 0.4739, 0.3390)
contains.

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Color

Yxy(25.4969, 0.4739, 0.3387)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D96860 |
| RGB | 217, 104, 96 |
| RGB Percent | 85%, 41%, 38% |
| CMY | 0.1491, 0.5921, 0.6235 |
| CMYK | 0.00, 0.52, 0.56, 0.15 |
| HSL | 4°, 61%, 61% |
| HSV | 4°, 56%, 85% |
| XYZ | 35.6746, 25.4969, 14.1072 |
| YIQ | 136.8750, 69.9160, 21.4680 |

Conversions

Conversions Part 2

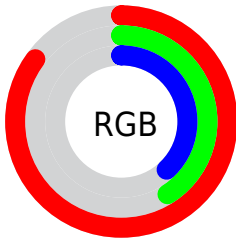
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 217, 105, 96 |
| Decimal | 14248032 |
| CIE _{Lab} | 57.56, 43.62, 25.62 |
| CIE _{LCh} | 58, 50.584, 30.429 |
| Yxy | 25.4969, 0.4739, 0.3387 |
| Android (android.graphics.Color) | 4292438112 (0xFFD96860) |
| YUV | 136.8750, -20.1514, 70.2696 |
| Hunter-Lab | 50.4945, 37.7458, 18.7816 |

Details

The Yxy color **25.4969, 0.4739, 0.3387** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **53.0841, 0.2404, 0.3179**, and the grayscale version is **25.0260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8203, 0.4187, 0.3409**, and **9.8544, 0.5297, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **21.5510, 0.5197, 0.3393**, and if you desaturate by 10%, it is **30.5356, 0.4320, 0.3373**.

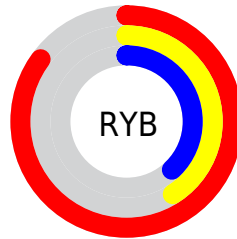
Distribution



Red (85%)

Green (41%)

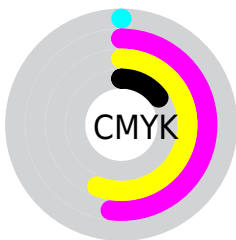
Blue (38%)



Red (85%)

Yellow (41%)

Blue (38%)

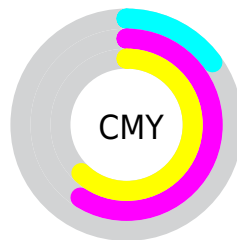


Cyan (0%)

Magenta (52%)

Yellow (56%)

Black (15%)



Cyan (15%)


Magenta (59%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4969, 0.4739, 0.3387 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 25.4969, 0.4739, 0.3387 by changing the saturation by 10% instead.


 25.4969, 0.4739,
0.3387


 25.4969, 0.4739,
0.3387


280.3036, 0.3850,
0.3383


 16.4476, 0.4985,
0.3367


 52.4622, 0.4397,
0.3400


 9.8415, 0.5310,
0.3324


 71.1470, 0.4274,
0.3400

 5.2940, 0.5756,
0.3236

 93.8125, 0.4173,
0.3398

 2.4208, 0.6488,
0.3096

 120.8431, 0.4087,
0.3396

 0.8365, 0.7354,
0.2646

152.6230, 0.4014,
0.3393

 0.0000, 1.0000,
0.0000


189.5369, 0.3952,

 0.0000, 0.0000,


0.3389


0.0000


231.9689, 0.3897,
0.3386

 25.4969, 0.4739,
0.3387


 25.4969, 0.4739,
0.3387


 21.5510, 0.5197,
0.3393


 30.5356, 0.4320,
0.3373

 18.6132, 0.5652,
0.3388

 36.7357, 0.3960,
0.3356


 16.5931, 0.6037,
0.3369


 44.1646, 0.3662,
0.3336


 15.3818, 0.6290,
0.3340


 52.8838, 0.3419,
0.3318

 15.0743, 0.6360,
0.3332

 62.9504, 0.3223,
0.3300

 74.4182, 0.3064,
0.3283

 87.3380, 0.2936,
0.3268

 93.4900, 0.2900,
0.3289

Harmonies

Analogous

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



25.4969, 0.4161, 0.2808



25.4969, 0.4739, 0.3387



25.4969, 0.4779, 0.4006

Triad

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



25.4969, 0.4739, 0.3387



25.4969, 0.2796, 0.4606



25.4969, 0.1933, 0.2027

Complementary

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



25.4969, 0.4739, 0.3387



53.0841, 0.2404, 0.3179

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.



25.4969, 0.1688, 0.2271



25.4969, 0.4739, 0.3387



25.4969, 0.2119, 0.3755

Square

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



25.4969, 0.4739, 0.3387



25.4969, 0.3609, 0.4888



25.4969, 0.1742, 0.2857



25.4969, 0.2478, 0.2065

Rectangle

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



25.4969, 0.4739, 0.3387



25.4969, 0.4527, 0.4403



25.4969, 0.1742, 0.2857



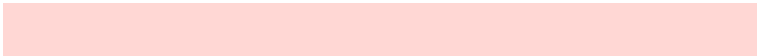
25.4969, 0.1818, 0.2074

Sweetspot

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



25.4983, 0.4739, 0.3387



74.3535, 0.3450, 0.3320



27.8159, 0.3252, 0.2031



15.3480, 0.3496, 0.3324



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.



25.4983, 0.4739, 0.3387



30.1715, 0.5284, 0.3393



41.6273, 0.4281, 0.4075



13.1893, 0.3290, 0.3306



9.1806, 0.6349, 0.3341



0.6445, 0.6200, 0.3459

Inverse Universe

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



53.0841, 0.2404, 0.3179



73.6217, 0.2311, 0.3152



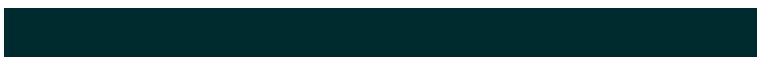
29.4510, 0.2220, 0.2308



14.6741, 0.2982, 0.3274



28.8425, 0.2190, 0.3083



1.9140, 0.2200, 0.3119

Previews

White Background



This preview shows how the Yxy color 25.4969, 0.4739, 0.3387 looks on a white background.

Color Contrast Check

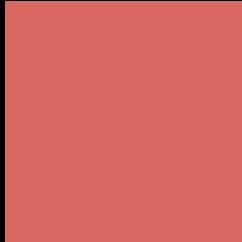
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4969, 0.4739, 0.3387 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 × Fail

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

Yxy 25.4969, 0.4739, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 25.4969, 0.4739, 0.3387.



This preview shows how white text looks on a background with the Yxy color 25.4969, 0.4739, 0.3387.

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

25.4969, 0.4739, 0.3387

Protanopia

25.5277, 0.3517, 0.3742

Deuteranopia

25.7459, 0.4005, 0.3934



Tritanopia

25.5123, 0.4587, 0.3213

Trichromacy



Original Color

25.4969, 0.4739, 0.3387

Protanomaly

24.7330, 0.3936, 0.3595

Deuteranomaly

25.0237, 0.4280, 0.3700

Tritanomaly

25.6054, 0.4649, 0.3283

Monochromacy



Original Color

25.4969, 0.4739, 0.3387

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.1794, 0.3669, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4969, 0.4739, 0.3387 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, 104, 96)` looks like.

```
.text, #text, p{  
    color:rgb(217, 104, 96)  
}
```

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, 104, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 104, 96) }
```

Border

The CSS property to change the border of an element to Yxy 25.4969, 0.4739, 0.3387 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, 104, 96) }
```

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

```
.border{ border-color:rgb(217, 104, 96) }
```

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

Here you see how a box with a 4 pixel rgb(217, 104, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 104, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 104, 96);  
box-shadow:4px 4px 4px 4px rgb(217, 104,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4969, 0.4739, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 104, 96) }
```

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

```
.background{ background-color: rgb(217,  
104, 96) }
```

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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