

Converting Colors

$Yxy(25.7203, 0.4471, 0.3624)$

Have a look what the booklet for
Yxy(25.7203, 0.4471, 0.3624)
contains.

| | |
|---|----|
| Yxy(25.7353, 0.4474, 0.3632) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(25.7353, 0.4474, 0.3632)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C6765C |
| RGB | 198, 118, 92 |
| RGB Percent | 78%, 46%, 36% |
| CMY | 0.2235, 0.5373, 0.6392 |
| CMYK | 0.00, 0.40, 0.54, 0.22 |
| HSL | 15°, 48%, 57% |
| HSV | 15°, 54%, 78% |
| XYZ | 31.7015, 25.7353, 13.4203 |
| YIQ | 138.9560, 56.0260, 8.8740 |

Conversions

Conversions Part 2

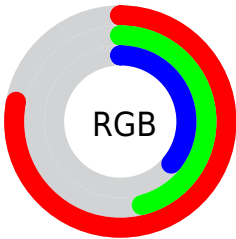
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 198, 126, 92 |
| Decimal | 13006428 |
| CIE _{Lab} | 57.78, 28.71, 27.68 |
| CIE _{LCh} | 58, 39.884, 43.955 |
| Yxy | 25.7353, 0.4474, 0.3632 |
| Android (android.graphics.Color) | 4291196508 (0xFFC6765C) |
| YUV | 138.9560, -23.1493, 51.7816 |
| Hunter-Lab | 50.7300, 22.7683, 19.8261 |

Details

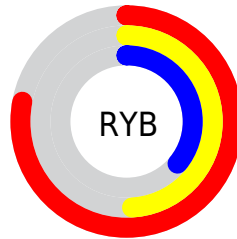
The Yxy color **25.7353, 0.4474, 0.3632** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **35.8622, 0.2367, 0.2891**, and the grayscale version is **25.8759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3690, 0.4161, 0.3586**, and **9.8992, 0.4957, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **22.1891, 0.4854, 0.3673**, and if you desaturate by 10%, it is **29.9323, 0.4130, 0.3574**.

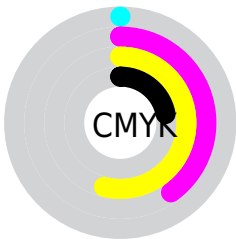
Distribution



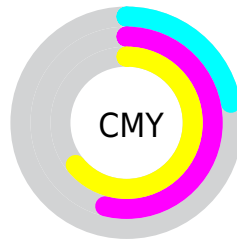
- Red (78%)
- Green (46%)
- Blue (36%)



- Red (78%)
- Yellow (49%)
- Blue (36%)



- Cyan (0%)
- Magenta (40%)
- Yellow (54%)
- Black (22%)





- Cyan (22%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7353, 0.4474, 0.3632 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 25.7353, 0.4474, 0.3632 by changing the saturation by 10% instead.


 25.7353, 0.4474,
0.3632


 25.7353, 0.4474,
0.3632

281.4803, 0.3732,
0.3484


 16.6257, 0.4679,
0.3654


 52.8476, 0.4189,
0.3587

 9.9680, 0.4951,
0.3670


 71.6191, 0.4086,
0.3567

 5.3777, 0.5324,
0.3663

 94.3801, 0.4002,
0.3550

 2.4706, 0.6006,
0.3683

 121.5149, 0.3930,
0.3534

 0.8618, 0.6660,
0.3340

153.4079, 0.3870,
0.3519

 0.0000, 1.0000,
0.0000

190.4435, 0.3818,

 0.0000, 0.0000,

0.3506

0.0000

233.0062, 0.3772,
0.3495

■ 25.7353, 0.4474,
0.3632

■ 25.7353, 0.4474,
0.3632

■ 22.1891, 0.4854,
0.3673

■ 29.9323, 0.4130,
0.3574

■ 19.2564, 0.5248,
0.3686

■ 34.8071, 0.3830,
0.3508

■ 16.9018, 0.5623,
0.3662

■ 40.3898, 0.3576,
0.3440

■ 15.0844, 0.5933,
0.3596

■ 46.7077, 0.3362,
0.3374

■ 14.1682, 0.6095,
0.3543

■ 53.7863, 0.3183,
0.3311

■ 61.6502, 0.3034,
0.3253

■ 70.3227, 0.2909,
0.3200

■ 79.8262, 0.2805,
0.3151

■ 89.1635, 0.2792,
0.3263

Harmonies

Analogous

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



25.7353, 0.4190, 0.3124



25.7353, 0.4474, 0.3632



25.7353, 0.4343, 0.4125

Triad

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



25.7353, 0.4474, 0.3632



25.7353, 0.2611, 0.4039



25.7353, 0.2333, 0.2245

Complementary

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



25.7353, 0.4474, 0.3632



35.8622, 0.2367, 0.2891

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.



25.7353, 0.2010, 0.2351



25.7353, 0.4474, 0.3632



25.7353, 0.2147, 0.3335

Square

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



25.7353, 0.4474, 0.3632



25.7353, 0.3245, 0.4487



25.7353, 0.1944, 0.2717



25.7353, 0.2889, 0.2366

Rectangle

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



25.7353, 0.4474, 0.3632



25.7353, 0.4063, 0.4387



25.7353, 0.1944, 0.2717



25.7353, 0.2197, 0.2253

Sweetspot

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



25.7366, 0.4474, 0.3632



79.5478, 0.3416, 0.3392



22.6889, 0.3483, 0.2278



16.5189, 0.3459, 0.3405



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.



25.7366, 0.4474, 0.3632



38.4849, 0.4910, 0.3677



41.4332, 0.4076, 0.4271



11.0525, 0.3283, 0.3347



9.3271, 0.6072, 0.3561



0.5598, 0.5651, 0.3895

Inverse Universe

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



35.8622, 0.2367, 0.2891



58.0720, 0.2245, 0.2790



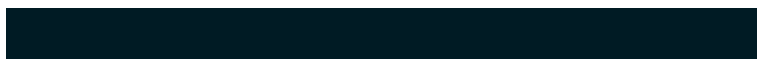
19.8501, 0.2194, 0.2039



11.6098, 0.2984, 0.3232



16.8603, 0.2024, 0.2484



0.9069, 0.2076, 0.2672

Previews

White Background



This preview shows how the Yxy color 25.7353, 0.4474, 0.3632 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 25.7353, 0.4474, 0.3632 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 25.7353, 0.4474, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 25.7353, 0.4474, 0.3632.



This preview shows how white text looks on a background with the Yxy color 25.7353, 0.4474, 0.3632.

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

25.7353, 0.4474, 0.3632

Protanopia

25.8889, 0.3656, 0.3918

Deuteranopia

25.8212, 0.4039, 0.3960



Tritanopia

25.7191, 0.4133, 0.3187

Trichromacy



Original Color

25.7353, 0.4474, 0.3632

Protanomaly

25.3299, 0.3940, 0.3801

Deuteranomaly

25.7602, 0.4197, 0.3840

Tritanomaly

25.5513, 0.4263, 0.3346

Monochromacy



Original Color

25.7353, 0.4474, 0.3632

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1113, 0.3573, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7353, 0.4474, 0.3632 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(198, 118, 92)` looks like.

```
.text, #text, p{  
    color:rgb(198, 118, 92)  
}
```

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(198, 118, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 118, 92) }
```

Border

The CSS property to change the border of an element to Yxy 25.7353, 0.4474, 0.3632 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(198, 118, 92) }
```

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

```
.border{ border-color:rgb(198, 118, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 118, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 118, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 118, 92);  
box-shadow:4px 4px 4px 4px rgb(198, 118,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7353, 0.4474, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 118, 92) }
```

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

```
.background{ background-color: rgb(198,  
118, 92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor