

Converting Colors

$Y_{xy}(25.3652, 0.4260, 0.3469)$

Have a look what the booklet for
Yxy(25.3652, 0.4260, 0.3469)
contains.

Yxy(25.4461, 0.4264, 0.3469)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4461, 0.4264, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	C27669
RGB	194, 118, 105
RGB Percent	76%, 46%, 41%
CMY	0.2392, 0.5372, 0.5882
CMYK	0.00, 0.39, 0.46, 0.24
HSL	9°, 42%, 59%
HSV	9°, 46%, 76%
XYZ	31.2777, 25.4461, 16.6291
YIQ	139.2420, 49.4690, 12.0690

Conversions

Conversions Part 2

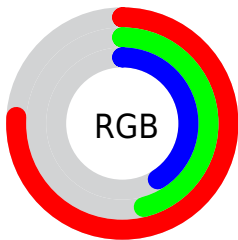
Format	Color
RYB	194, 120, 105
Decimal	12744297
CIELab	57.51, 28.36, 19.83
CIELCh	58, 34.602, 34.969
Yxy	25.4461, 0.4264, 0.3469
Android (android.graphics.Color)	4290934377 (0xFFC27669)
YUV	139.2420, -16.8813, 48.0228
Hunter-Lab	50.4441, 22.4009, 15.7657

Details

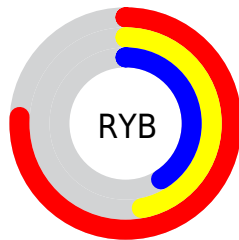
The Yxy color **25.4461, 0.4264, 0.3469** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.9507, 0.2486, 0.3094**, and the grayscale version is **25.9697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4088, 0.4022, 0.3452**, and **9.7581, 0.4679, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **21.5275, 0.4652, 0.3500**, and if you desaturate by 10%, it is **30.1436, 0.3929, 0.3431**.

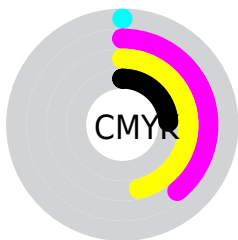
Distribution



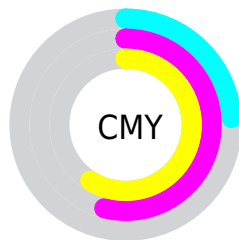
- Red (76%)
- Green (46%)
- Blue (41%)



- Red (76%)
- Yellow (47%)
- Blue (41%)



- Cyan (0%)
- Magenta (39%)
- Yellow (46%)
- Black (24%)




- Cyan (24%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4461, 0.4264, 0.3469 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 25.4461, 0.4264, 0.3469 by changing the saturation by 10% instead.


 25.4461, 0.4264,
0.3469


 25.4461, 0.4264,
0.3469


280.0523, 0.3633,
0.3396


 16.4097, 0.4443,
0.3478


 52.3800, 0.4019,
0.3448

 9.8145, 0.4685,
0.3481


 71.0463, 0.3932,
0.3439

 5.2762, 0.5029,
0.3468

 93.6914, 0.3860,
0.3430

 2.4102, 0.5559,
0.3416

 120.6997, 0.3800,
0.3422

 0.8311, 0.6661,
0.3339

152.4555, 0.3749,
0.3414

 0.0000, 1.0000,
0.0000

189.3433, 0.3705,

 0.0000, 0.0000,

0.3408

0.0000

231.7474, 0.3667,
0.3401

■ 25.4461, 0.4264,
0.3469

■ 25.4461, 0.4264,
0.3469

■ 21.5275, 0.4652,
0.3500

■ 30.1436, 0.3929,
0.3431

■ 18.3418, 0.5077,
0.3517

■ 35.6552, 0.3647,
0.3390

■ 15.8442, 0.5508,
0.3513


■ 42.0183, 0.3414,
0.3349

■ 13.9831, 0.5893,
0.3481

■ 49.2670, 0.3223,
0.3311


■ 12.6993, 0.6177,
0.3426


■ 57.4336, 0.3066,
0.3276

 12.3162, 0.6268,
0.3405

 66.5487, 0.2938,
0.3243

 76.6414, 0.2831,
0.3214

 87.3995, 0.2769,
0.3242

 90.2101, 0.2773,
0.3289

Harmonies

Analogous

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



25.4461, 0.3916, 0.3022



25.4461, 0.4264, 0.3469



25.4461, 0.4264, 0.3918

Triad

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



25.4461, 0.4264, 0.3469



25.4461, 0.2840, 0.4084



25.4461, 0.2318, 0.2370

Complementary

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



25.4461, 0.4264, 0.3469



39.9507, 0.2486, 0.3094

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.



25.4461, 0.2094, 0.2539



25.4461, 0.4264, 0.3469



25.4461, 0.2368, 0.3520

Square

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



25.4461, 0.4264, 0.3469



25.4461, 0.3416, 0.4363



25.4461, 0.2109, 0.2940



25.4461, 0.2757, 0.2418

Rectangle

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



25.4461, 0.4264, 0.3469



25.4461, 0.4078, 0.4170



25.4461, 0.2109, 0.2940



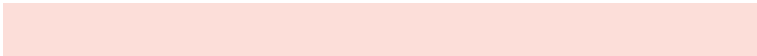
25.4461, 0.2218, 0.2401

Sweetspot

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



25.4474, 0.4264, 0.3469



78.1798, 0.3380, 0.3343



24.9576, 0.3312, 0.2311



16.5226, 0.3426, 0.3352



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.



25.4474, 0.4264, 0.3469



39.0016, 0.4651, 0.3500



38.1102, 0.3982, 0.4035



10.3099, 0.3285, 0.3324



8.1719, 0.6251, 0.3419



0.4309, 0.5888, 0.3706

Inverse Universe

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



39.9507, 0.2486, 0.3094



68.4199, 0.2378, 0.3045



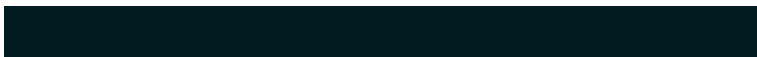
24.9725, 0.2362, 0.2398



11.1696, 0.2984, 0.3256



20.5069, 0.2118, 0.2825



0.9559, 0.2150, 0.2939

Previews

White Background



This preview shows how the Yxy color 25.4461, 0.4264, 0.3469 looks on a white background.

Color Contrast Check

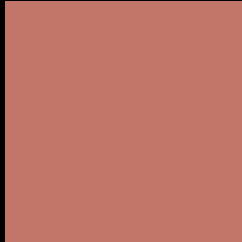
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4461, 0.4264, 0.3469 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 25.4461, 0.4264, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 25.4461, 0.4264, 0.3469.



This preview shows how white text looks on a background with the Yxy color 25.4461, 0.4264, 0.3469.

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

25.4461, 0.4264, 0.3469

Protanopia

25.5029, 0.3472, 0.3693

Deuteranopia

25.6269, 0.3845, 0.3776



Tritanopia

25.4525, 0.4054, 0.3172

Trichromacy



Original Color

25.4461, 0.4264, 0.3469

Protanomaly

25.1668, 0.3739, 0.3607

Deuteranomaly

25.5316, 0.3997, 0.3665

Tritanomaly

25.3772, 0.4130, 0.3279

Monochromacy



Original Color

25.4461, 0.4264, 0.3469

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1358, 0.3503, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4461, 0.4264, 0.3469 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(194, 118, 105)` looks like.

```
.text, #text, p{  
    color:rgb(194, 118, 105)  
}
```

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(194, 118, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 118, 105) }
```

Border

The CSS property to change the border of an element to Yxy 25.4461, 0.4264, 0.3469 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(194, 118, 105) }
```

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

```
.border{ border-color:rgb(194, 118, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 118, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 118, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 118, 105);  
box-shadow:4px 4px 4px 4px rgb(194, 118,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4461, 0.4264, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 118, 105) }
```

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

```
.background{ background-color: rgb(194,  
118, 105) }
```

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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