

Converting Colors

$Y_{xy}(25.8759, 0.4551, 0.3409)$

Have a look what the booklet for
Yxy(25.8759, 0.4551, 0.3409)
contains.

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Color

Yxy(25.7931, 0.4554, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	D26E65
RGB	210, 110, 101
RGB Percent	82%, 43%, 40%
CMY	0.1764, 0.5686, 0.6039
CMYK	0.00, 0.48, 0.52, 0.18
HSL	5°, 55%, 61%
HSV	5°, 52%, 82%
XYZ	34.5070, 25.7931, 15.4728
YIQ	138.8740, 62.4890, 18.4010

Conversions

Conversions Part 2

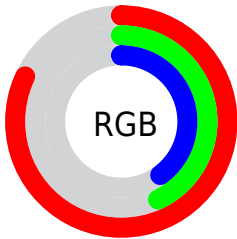
Format	Color
R_{YB}	210, 111, 101
Decimal	13790821
CIE _{Lab}	57.84, 38.42, 22.94
CIE _{LCh}	58, 44.745, 30.847
Yxy	25.7931, 0.4554, 0.3404
Android (android.graphics.Color)	4291980901 (0xFFD26E65)
YUV	138.8740, -18.6719, 62.3775
Hunter-Lab	50.7869, 32.4041, 17.4874

Details

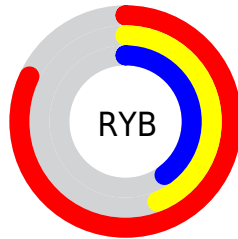
The Yxy color **25.7931, 0.4554, 0.3404** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.2069, 0.2436, 0.3163**, and the grayscale version is **25.8233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7214, 0.4114, 0.3409**, and **9.9736, 0.5067, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **21.7185, 0.4994, 0.3416**, and if you desaturate by 10%, it is **30.8796, 0.4163, 0.3385**.

Distribution



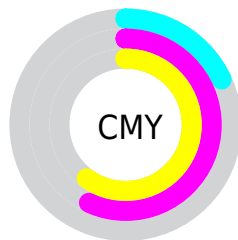
- Red (82%)
- Green (43%)
- Blue (40%)



- Red (82%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (48%)
- Yellow (52%)
- Black (18%)





- Cyan (18%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7931, 0.4554, 0.3404 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 25.7931, 0.4554, 0.3404 by changing the saturation by 10% instead.


 25.7931, 0.4554,
0.3404


 25.7931, 0.4554,
0.3404


281.7649, 0.3766,
0.3380


 16.6689, 0.4774,
0.3394


 52.9410, 0.4250,
0.3406

 9.9987, 0.5068,
0.3368

 71.7335, 0.4141,
0.3403

 5.3981, 0.5476,
0.3307

 94.5175, 0.4051,
0.3400

 2.4827, 0.6110,
0.3188

 121.6775, 0.3976,
0.3396

 0.8680, 0.7114,
0.2886

153.5979, 0.3911,
0.3391

 0.0000, 1.0000,
0.0000


190.6630, 0.3856,


 0.0000, 0.0000,


0.3387

0.0000

233.2572, 0.3808,
0.3384


 25.7931, 0.4554,
0.3404


 25.7931, 0.4554,
0.3404


 21.7185, 0.4994,
0.3416


 30.8796, 0.4163,
0.3385

 18.5844, 0.5451,
0.3416


 37.0353, 0.3832,
0.3362


 16.3166, 0.5871,
0.3400

 44.3177, 0.3559,
0.3338

 14.8276, 0.6186,
0.3369

 52.7793, 0.3337,
0.3315

 14.1149, 0.6346,
0.3344

 62.4691, 0.3157,
0.3294

■ 73.4336, 0.3012,
0.3274

■ 85.7165, 0.2893,
0.3257

■ 92.4441, 0.2860,
0.3289

Harmonies

Analogous

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



25.7931, 0.4050, 0.2872



25.7931, 0.4554, 0.3404



25.7931, 0.4597, 0.3965

Triad

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



25.7931, 0.4554, 0.3404



25.7931, 0.2837, 0.4422



25.7931, 0.2060, 0.2153

Complementary

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



25.7931, 0.4554, 0.3404



49.2069, 0.2436, 0.3163

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.



25.7931, 0.1830, 0.2382



25.7931, 0.4554, 0.3404



25.7931, 0.2227, 0.3691

Square

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



25.7931, 0.4554, 0.3404



25.7931, 0.3565, 0.4695



25.7931, 0.1881, 0.2910



25.7931, 0.2561, 0.2187

Rectangle

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



25.7931, 0.4554, 0.3404



25.7931, 0.4380, 0.4312



25.7931, 0.1881, 0.2910



25.7931, 0.1952, 0.2198

Sweetspot

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



25.7944, 0.4554, 0.3404



76.0425, 0.3426, 0.3325



27.3123, 0.3262, 0.2122



15.6941, 0.3473, 0.3330



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.



25.7944, 0.4554, 0.3404



33.2596, 0.5030, 0.3417



40.7595, 0.4169, 0.4047



11.9626, 0.3289, 0.3310



8.6686, 0.6333, 0.3354



0.5404, 0.6132, 0.3513

Inverse Universe

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



49.2069, 0.2436, 0.3163



73.2379, 0.2340, 0.3132



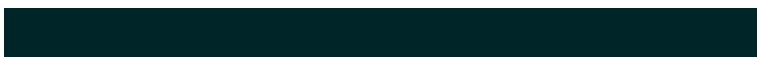
28.6772, 0.2277, 0.2363



13.2333, 0.2983, 0.3270



26.0889, 0.2176, 0.3032



1.5091, 0.2190, 0.3083

Previews

White Background



This preview shows how the Yxy color 25.7931, 0.4554, 0.3404 looks on a white background.

Color Contrast Check

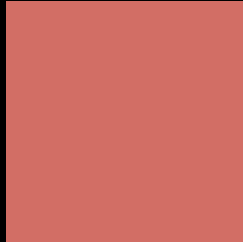
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7931, 0.4554, 0.3404 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 25.7931, 0.4554, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 25.7931, 0.4554, 0.3404.



This preview shows how white text looks on a background with the Yxy color 25.7931, 0.4554, 0.3404.

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

25.7931, 0.4554, 0.3404

Protanopia

25.9760, 0.3492, 0.3705

Deuteranopia

25.7451, 0.3926, 0.3848



Tritanopia

25.8350, 0.4375, 0.3195

Trichromacy



Original Color

25.7931, 0.4554, 0.3404

Protanomaly

25.2004, 0.3876, 0.3581

Deuteranomaly

25.4942, 0.4161, 0.3680

Tritanomaly

25.9339, 0.4438, 0.3269

Monochromacy



Original Color

25.7931, 0.4554, 0.3404

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.9183, 0.3609, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7931, 0.4554, 0.3404 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(210, 110, 101)` looks like.

```
.text, #text, p{  
    color:rgb(210, 110, 101)  
}
```

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(210, 110, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 110, 101) }
```

Border

The CSS property to change the border of an element to Yxy 25.7931, 0.4554, 0.3404 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(210, 110, 101) }
```

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

```
.border{ border-color:rgb(210, 110, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 110, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 110, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 110, 101);  
box-shadow:4px 4px 4px 4px rgb(210, 110,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7931, 0.4554, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 110, 101) }
```

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

```
.background{ background-color: rgb(210,  
110, 101) }
```

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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