

Converting Colors

$Y_{xy}(27.5908, 0.4542, 0.3337)$

Have a look what the booklet for
Yxy(27.5908, 0.4542, 0.3337)
contains.

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Color

Yxy(27.7311, 0.4544, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	DB706C
RGB	219, 112, 108
RGB Percent	86%, 44%, 42%
CMY	0.1412, 0.5608, 0.5764
CMYK	0.00, 0.49, 0.51, 0.14
HSL	2°, 61%, 64%
HSV	2°, 51%, 86%
XYZ	37.7163, 27.7311, 17.5550
YIQ	143.5370, 65.0560, 21.4400

Conversions

Conversions Part 2

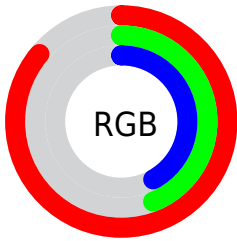
Format	Color
R _Y B	219, 112, 108
Decimal	14381164
CIE Lab	59.65, 41.37, 21.57
CIE LCh	60, 46.653, 27.537
Yxy	27.7311, 0.4544, 0.3341
Android (android.graphics.Color)	4292571244 (0xFFDB706C)
YUV	143.5370, -17.5197, 66.1811
Hunter-Lab	52.6603, 35.6894, 17.0971

Details

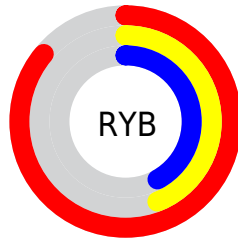
The Yxy color **27.7311, 0.4544, 0.3341** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **56.9130, 0.2460, 0.3235**, and the grayscale version is **27.7472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0356, 0.4033, 0.3366**, and **11.0422, 0.5039, 0.3281** is the 20% darker color. If you saturate the color by 10%, you get **23.1977, 0.4997, 0.3347**, and if you desaturate by 10%, it is **33.4768, 0.4145, 0.3332**.

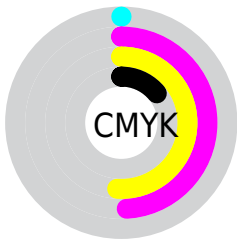
Distribution



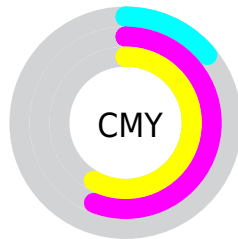
- Red (86%)
- Green (44%)
- Blue (42%)



- Red (86%)
- Yellow (44%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (51%)
- Black (14%)





- Cyan (14%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7311, 0.4544, 0.3341 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 27.7311, 0.4544, 0.3341 by changing the saturation by 10% instead.


 27.7311, 0.4544,
0.3341


 27.7311, 0.4544,
0.3341


291.1798, 0.3769,
0.3349


 18.1231, 0.4757,
0.3324


 56.0548, 0.4247,
0.3354

 11.0384, 0.5041,
0.3290


 75.5393, 0.4140,
0.3356

 6.0927, 0.5433,
0.3224


 99.0848, 0.4052,
0.3356

 2.9015, 0.5999,
0.3087

 127.0755, 0.3977,
0.3355

 1.0805, 0.7115,
0.2885

159.8960, 0.3914,
0.3354

 0.0000, 1.0000,
0.0000

197.9306, 0.3859,

 0.0000, 0.0000,

0.3353

0.0000

241.5637, 0.3811,
0.3351

■ 27.7311, 0.4544,
0.3341

■ 27.7311, 0.4544,
0.3341

■ 23.1977, 0.4997,
0.3347

■ 33.4768, 0.4145,
0.3332

■ 19.7857, 0.5469,
0.3348

■ 40.5084, 0.3809,
0.3321

■ 17.3988, 0.5899,
0.3341

■ 48.8988, 0.3536,
0.3311

■ 15.9222, 0.6216,
0.3327

■ 58.7143, 0.3315,
0.3300

■ 15.2319, 0.6380,
0.3316

■ 70.0167, 0.3138,
0.3291

■ 82.8643, 0.2995,
0.3282

■ 93.8011, 0.2911,
0.3289

Harmonies

Analogous

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



27.7311, 0.3987, 0.2810



27.7311, 0.4544, 0.3341



27.7311, 0.4640, 0.3910

Triad

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



27.7311, 0.4544, 0.3341



27.7311, 0.2910, 0.4503



27.7311, 0.2004, 0.2148

Complementary

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



27.7311, 0.4544, 0.3341



56.9130, 0.2460, 0.3235

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.



27.7311, 0.1802, 0.2410



27.7311, 0.4544, 0.3341



27.7311, 0.2268, 0.3791

Square

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



27.7311, 0.4544, 0.3341



27.7311, 0.3650, 0.4715



27.7311, 0.1885, 0.2980



27.7311, 0.2482, 0.2155

Rectangle

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



27.7311, 0.4544, 0.3341



27.7311, 0.4447, 0.4271



27.7311, 0.1885, 0.2980



27.7311, 0.1906, 0.2203

Sweetspot

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



27.7325, 0.4544, 0.3341



76.4644, 0.3407, 0.3305



30.7106, 0.3221, 0.2110



15.7409, 0.3455, 0.3307



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.



27.7325, 0.4544, 0.3341



32.2810, 0.5036, 0.3347



43.8580, 0.4166, 0.3991



13.1261, 0.3291, 0.3299



9.0652, 0.6373, 0.3322



0.6143, 0.6289, 0.3389

Inverse Universe

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



56.9130, 0.2460, 0.3235



77.9024, 0.2368, 0.3222



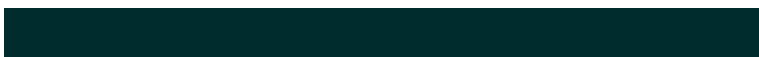
33.3791, 0.2305, 0.2442



14.7451, 0.2982, 0.3281



30.7314, 0.2216, 0.3178



2.0165, 0.2221, 0.3197

Previews

White Background



This preview shows how the Yxy color 27.7311, 0.4544, 0.3341 looks on a white background.

Color Contrast Check

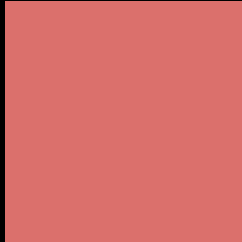
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7311, 0.4544, 0.3341 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 27.7311, 0.4544, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 27.7311, 0.4544, 0.3341.



This preview shows how white text looks on a background with the Yxy color 27.7311, 0.4544, 0.3341.

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

27.7311, 0.4544, 0.3341

Protanopia

28.0520, 0.3428, 0.3629

Deuteranopia

27.8142, 0.3889, 0.3818



Tritanopia

27.6755, 0.4435, 0.3200

Trichromacy



Original Color

27.7311, 0.4544, 0.3341

Protanomaly

27.0406, 0.3808, 0.3499

Deuteranomaly

27.4118, 0.4121, 0.3628

Tritanomaly

27.7994, 0.4482, 0.3259

Monochromacy



Original Color

27.7311, 0.4544, 0.3341

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.7991, 0.3596, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7311, 0.4544, 0.3341 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(219, 112, 108)` looks like.

```
.text, #text, p{  
    color:rgb(219, 112, 108)  
}
```

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(219, 112, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 112, 108) }
```

Border

The CSS property to change the border of an element to Yxy 27.7311, 0.4544, 0.3341 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(219, 112, 108) }
```

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

```
.border{ border-color:rgb(219, 112, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 112, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 112, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 112, 108);  
box-shadow:4px 4px 4px 4px rgb(219, 112,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7311, 0.4544, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 112, 108) }
```

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

```
.background{ background-color: rgb(219,  
112, 108) }
```

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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