

Converting Colors

$Y_{xy}(29.0376, 0.4665, 0.3520)$

Have a look what the booklet for
Yxy(29.0376, 0.4665, 0.3520)
contains.

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Color

Yxy(28.9578, 0.4665, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	DD7561
RGB	221, 117, 97
RGB Percent	87%, 46%, 38%
CMY	0.1334, 0.5411, 0.6196
CMYK	0.00, 0.47, 0.56, 0.13
HSL	10°, 65%, 62%
HSV	10°, 56%, 87%
XYZ	38.3338, 28.9578, 14.8815
YIQ	145.8160, 68.4040, 15.8280

Conversions

Conversions Part 2

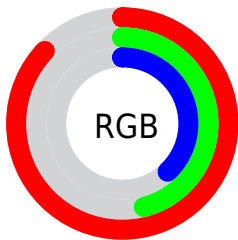
Format	Color
R_{YB}	221, 121, 97
Decimal	14513505
CIE Lab	60.74, 38.62, 29.30
CIE LCh	61, 48.477, 37.182
Yxy	28.9578, 0.4665, 0.3524
Android (android.graphics.Color)	4292703585 (0xFFDD7561)
YUV	145.8160, -24.0663, 65.9364
Hunter-Lab	53.8125, 32.9842, 21.2724

Details

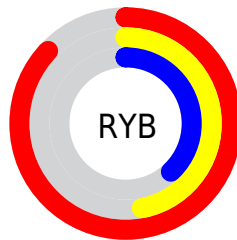
The Yxy color **28.9578, 0.4665, 0.3524** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.5232, 0.2365, 0.3014**, and the grayscale version is **28.7470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5239, 0.4115, 0.3534**, and **11.7038, 0.5173, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **24.7026, 0.5090, 0.3542**, and if you desaturate by 10%, it is **34.1857, 0.4276, 0.3490**.

Distribution



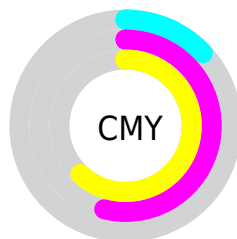
- Red (87%)
- Green (46%)
- Blue (38%)



- Red (87%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (56%)
- Black (13%)



- Cyan (13%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9578, 0.4665, 0.3524 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 28.9578, 0.4665, 0.3524 by changing the saturation by 10% instead.


 28.9578, 0.4665,
0.3524


 28.9578, 0.4665,
0.3524


297.0158, 0.3834,
0.3447


 19.0489, 0.4887,
0.3524


 58.0100, 0.4350,
0.3509

 11.7056, 0.5178,
0.3509

 77.9222, 0.4236,
0.3499

 6.5436, 0.5567,
0.3461


 101.9375, 0.4140,
0.3489

 3.1783, 0.6156,
0.3365

 130.4404, 0.4060,
0.3480

 1.2255, 0.6934,
0.3066

163.8153, 0.3991,
0.3471

 0.0824, 0.9262,
0.0738

202.4465, 0.3931,

 0.0000, 0.0000,

0.3462

0.0000

246.7186, 0.3879,
0.3455

■ 28.9578, 0.4665,
0.3524

■ 28.9578, 0.4665,
0.3524

■ 24.7026, 0.5090,
0.3542

■ 34.1857, 0.4276,
0.3490

■ 21.3551, 0.5517,
0.3537

■ 40.4369, 0.3939,
0.3447

■ 18.8493, 0.5897,
0.3501

■ 47.7640, 0.3655,
0.3402

■ 17.1077, 0.6174,
0.3438

■ 56.2146, 0.3421,
0.3357

■ 16.6102, 0.6256,
0.3415

■ 65.8334, 0.3227,
0.3315

■ 76.6627, 0.3069,
0.3275

■ 88.7426, 0.2939,
0.3239

■ 94.1090, 0.2923,
0.3289

Harmonies

Analogous

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



28.9578, 0.4233, 0.2964



28.9578, 0.4665, 0.3524



28.9578, 0.4601, 0.4101

Triad

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



28.9578, 0.4665, 0.3524



28.9578, 0.2671, 0.4343



28.9578, 0.2107, 0.2099

Complementary

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



28.9578, 0.4665, 0.3524



49.5232, 0.2365, 0.3014

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.



28.9578, 0.1811, 0.2271



28.9578, 0.4665, 0.3524



28.9578, 0.2090, 0.3523

Square

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



28.9578, 0.4665, 0.3524



28.9578, 0.3417, 0.4748



28.9578, 0.1800, 0.2748



28.9578, 0.2681, 0.2186

Rectangle

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



28.9578, 0.4665, 0.3524



28.9578, 0.4319, 0.4447



28.9578, 0.1800, 0.2748



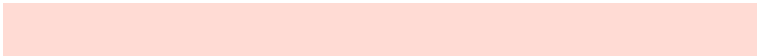
28.9578, 0.1977, 0.2125

Sweetspot

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



28.9593, 0.4665, 0.3524



76.4741, 0.3443, 0.3362



28.2036, 0.3388, 0.2133



15.8416, 0.3488, 0.3371



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.



28.9593, 0.4665, 0.3524



33.4292, 0.5152, 0.3543



47.9109, 0.4203, 0.4212



13.3892, 0.3288, 0.3328



9.7596, 0.6235, 0.3431



0.7393, 0.5950, 0.3658

Inverse Universe

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



49.5232, 0.2365, 0.3014



64.2852, 0.2262, 0.2949



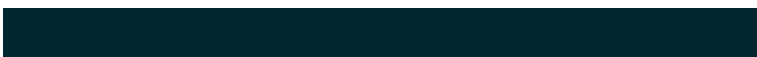
26.6355, 0.2174, 0.2112



14.4531, 0.2982, 0.3251



23.4114, 0.2103, 0.2770



1.6144, 0.2129, 0.2864

Previews

White Background



This preview shows how the Yxy color 28.9578, 0.4665, 0.3524 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 28.9578, 0.4665, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

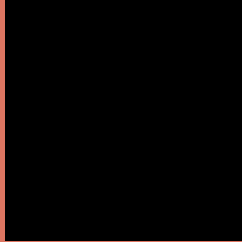
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9578, 0.4665, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 28.9578, 0.4665, 0.3524.



This preview shows how white text looks on a background with the Yxy color 28.9578, 0.4665, 0.3524.

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

28.9578, 0.4665, 0.3524

Protanopia

29.2407, 0.3629, 0.3888

Deuteranopia

28.8936, 0.4053, 0.3971



Tritanopia

29.1277, 0.4391, 0.3200

Trichromacy



Original Color

28.9578, 0.4665, 0.3524

Protanomaly

28.4520, 0.3995, 0.3738

Deuteranomaly

28.6481, 0.4283, 0.3803

Tritanomaly

28.9833, 0.4491, 0.3317

Monochromacy



Original Color

28.9578, 0.4665, 0.3524

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.7707, 0.3643, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9578, 0.4665, 0.3524 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(221, 117, 97)` looks like.

```
.text, #text, p{  
    color:rgb(221, 117, 97)  
}
```

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(221, 117, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 117, 97) }
```

Border

The CSS property to change the border of an element to Yxy 28.9578, 0.4665, 0.3524 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(221, 117, 97) }
```

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

```
.border{ border-color:rgb(221, 117, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 117, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 117, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 117, 97);  
box-shadow:4px 4px 4px 4px rgb(221, 117,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9578, 0.4665, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 117, 97) }
```

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

```
.background{ background-color: rgb(221,  
117, 97) }
```

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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