

Converting Colors

$Yxy(28.6457, 0.4645, 0.3527)$

Have a look what the booklet for
Yxy(28.6457, 0.4645, 0.3527)
contains.

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Color

Yxy(28.6457, 0.4645, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	DB7561
RGB	219, 117, 97
RGB Percent	86%, 46%, 38%
CMY	0.1413, 0.5411, 0.6197
CMYK	0.00, 0.47, 0.56, 0.14
HSL	10°, 63%, 62%
HSV	10°, 56%, 86%
XYZ	37.7259, 28.6457, 14.8467
YIQ	145.2180, 67.2120, 15.4040

Conversions

Conversions Part 2

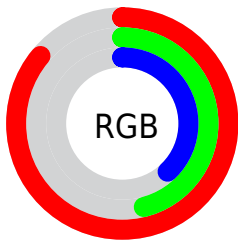
Format	Color
RYB	219, 121, 97
Decimal	14382433
CIELab	60.47, 37.85, 28.90
CIElCh	60, 47.624, 37.361
Yxy	28.6457, 0.4645, 0.3527
Android (android.graphics.Color)	4292572513 (0xFFDB7561)
YUV	145.2180, -23.7715, 64.7068
Hunter-Lab	53.5217, 32.1566, 21.0184

Details

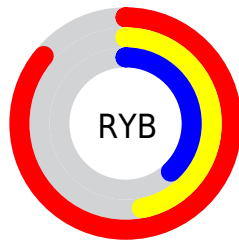
The Yxy color **28.6457, 0.4645, 0.3527** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48.4707, 0.2369, 0.3012**, and the grayscale version is **28.4884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5239, 0.4115, 0.3534**, and **11.6003, 0.5161, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **24.4368, 0.5067, 0.3547**, and if you desaturate by 10%, it is **33.8040, 0.4260, 0.3492**.

Distribution



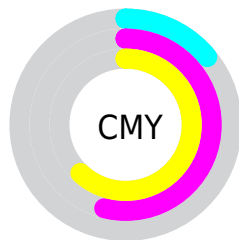
- Red (86%)
- Green (46%)
- Blue (38%)



- Red (86%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (56%)
- Black (14%)





- Cyan (14%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6457, 0.4645, 0.3527 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 28.6457, 0.4645, 0.3527 by changing the saturation by 10% instead.


 28.6457, 0.4645,
0.3527


 28.6457, 0.4645,
0.3527


295.5396, 0.3823,
0.3447

 18.8130, 0.4866,
0.3528


 57.5137, 0.4333,
0.3511

 11.5352, 0.5155,
0.3515


 77.3177, 0.4220,
0.3500

 6.4280, 0.5543,
0.3470


 101.2143, 0.4126,
0.3490

 3.1071, 0.6135,
0.3379

 129.5879, 0.4046,
0.3480

 1.1879, 0.6919,
0.3081

162.8228, 0.3978,
0.3471

 0.0518, 0.9498,
0.0502

201.3035, 0.3919,

 0.0000, 0.0000,

0.3463

0.0000

245.4143, 0.3868,
0.3455

■ 28.6457, 0.4645,
0.3527

■ 28.6457, 0.4645,
0.3527

■ 24.4368, 0.5067,
0.3547

■ 33.8040, 0.4260,
0.3492

■ 21.1144, 0.5495,
0.3542

■ 39.9604, 0.3926,
0.3448

■ 18.6152, 0.5877,
0.3508

■ 47.1658, 0.3645,
0.3402

■ 16.8648, 0.6159,
0.3445

■ 55.4660, 0.3412,
0.3357

■ 16.3158, 0.6251,
0.3419

■ 64.9043, 0.3221,
0.3313

■ 75.5217, 0.3063,
0.3273

■ 87.3569, 0.2934,
0.3237

■ 93.7959, 0.2911,
0.3289

Harmonies

Analogous

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



28.6457, 0.4221, 0.2972



28.6457, 0.4645, 0.3527



28.6457, 0.4581, 0.4097

Triad

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



28.6457, 0.4645, 0.3527



28.6457, 0.2674, 0.4322



28.6457, 0.2122, 0.2113

Complementary

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



28.6457, 0.4645, 0.3527



48.4707, 0.2369, 0.3012

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.



28.6457, 0.1827, 0.2282



28.6457, 0.4645, 0.3527



28.6457, 0.2101, 0.3515

Square

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



28.6457, 0.4645, 0.3527



28.6457, 0.3410, 0.4725



28.6457, 0.1815, 0.2753



28.6457, 0.2691, 0.2200

Rectangle

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



28.6457, 0.4645, 0.3527



28.6457, 0.4302, 0.4437



28.6457, 0.1815, 0.2753



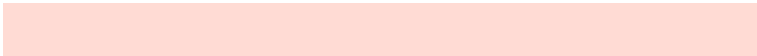
28.6457, 0.1993, 0.2139

Sweetspot

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



28.6472, 0.4645, 0.3527



76.5394, 0.3443, 0.3363



27.8047, 0.3386, 0.2141



15.8568, 0.3487, 0.3372



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.



28.6472, 0.4645, 0.3527



33.5382, 0.5148, 0.3548



47.0785, 0.4194, 0.4206



13.3953, 0.3287, 0.3329



9.7835, 0.6231, 0.3435



0.7422, 0.5943, 0.3663

Inverse Universe

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



48.4707, 0.2369, 0.3012



64.0145, 0.2260, 0.2942



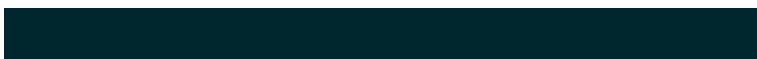
26.3172, 0.2181, 0.2122



14.4464, 0.2982, 0.3251



23.2579, 0.2100, 0.2761



1.6058, 0.2127, 0.2856

Previews

White Background



This preview shows how the Yxy color 28.6457, 0.4645, 0.3527 looks on a white background.

Color Contrast Check

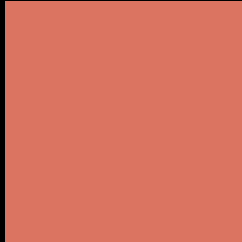
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6457, 0.4645, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

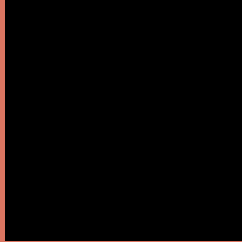
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6457, 0.4645, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 28.6457, 0.4645, 0.3527.



This preview shows how white text looks on a background with the Yxy color 28.6457, 0.4645, 0.3527.

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

28.6457, 0.4645, 0.3527

Protanopia

28.8300, 0.3622, 0.3876

Deuteranopia

28.7766, 0.4041, 0.3974



Tritanopia

28.8119, 0.4369, 0.3199

Trichromacy



Original Color

28.6457, 0.4645, 0.3527

Protanomaly

28.0512, 0.3990, 0.3726

Deuteranomaly

28.5171, 0.4272, 0.3806

Tritanomaly

28.6694, 0.4470, 0.3318

Monochromacy



Original Color

28.6457, 0.4645, 0.3527

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6571, 0.3632, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6457, 0.4645, 0.3527 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, 117, 97)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 117, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 117, 97) }
```

Border

The CSS property to change the border of an element to Yxy 28.6457, 0.4645, 0.3527 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, 117, 97) }
```

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

```
.border{ border-color:rgb(219, 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(219, 117, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 117, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 117, 97);  
box-shadow:4px 4px 4px 4px rgb(219, 117,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6457, 0.4645, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 117, 97) }
```

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

```
.background{ background-color: rgb(219,  
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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