

Converting Colors

$Y_{xy}(28.1433, 0.4218, 0.3170)$

Have a look what the booklet for
Yxy(28.1433, 0.4218, 0.3170)
contains.

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Color

Yxy(28.1433, 0.4218, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	D5747E
RGB	213, 116, 126
RGB Percent	84%, 45%, 49%
CMY	0.1648, 0.5450, 0.5060
CMYK	0.00, 0.46, 0.41, 0.16
HSL	354°, 54%, 65%
HSV	354°, 46%, 84%
XYZ	37.4475, 28.1433, 23.1894
YIQ	146.1430, 54.6020, 23.6740

Conversions

Conversions Part 2

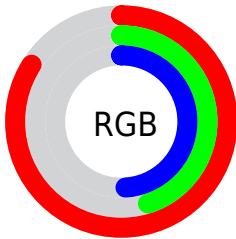
Format	Color
R _Y B	213, 116, 126
Decimal	13988990
CIE Lab	60.02, 38.88, 11.63
CIE LCh	60, 40.586, 16.649
Yxy	28.1433, 0.4218, 0.3170
Android (android.graphics.Color)	4292179070 (0xFFD5747E)
YUV	146.1430, -9.9305, 58.6336
Hunter-Lab	53.0503, 33.1628, 11.2183

Details

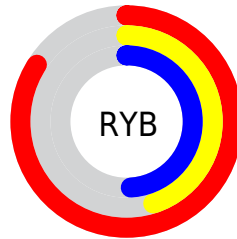
The Yxy color **28.1433, 0.4218, 0.3170** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.6082, 0.2572, 0.3423**, and the grayscale version is **28.8321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2641, 0.3827, 0.3197**, and **11.2850, 0.4607, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **23.3367, 0.4611, 0.3151**, and if you desaturate by 10%, it is **34.1725, 0.3885, 0.3195**.

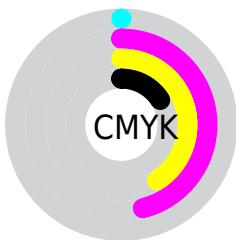
Distribution



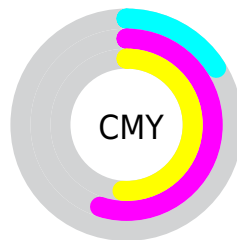
- Red (84%)
- Green (45%)
- Blue (49%)



- Red (84%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (46%)
- Yellow (41%)
- Black (16%)





- Cyan (16%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1433, 0.4218, 0.3170 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 28.1433, 0.4218, 0.3170 by changing the saturation by 10% instead.


 28.1433, 0.4218,
0.3170


 28.1433, 0.4218,
0.3170


293.1510, 0.3622,
0.3252

 18.4337, 0.4384,
0.3141


 56.7131, 0.3989,
0.3206

 11.2618, 0.4608,
0.3097


 76.3422, 0.3907,
0.3217

 6.2432, 0.4923,
0.3028


 100.0465, 0.3839,
0.3226

 2.9935, 0.5398,
0.2904

128.2105, 0.3782,
0.3233

 1.1284, 0.6324,
0.2724

161.2185, 0.3733,
0.3239

 0.0020, 0.9979,
0.0021


199.4551, 0.3691,


 0.0000, 0.0000,

0.3244


0.0000


243.3044, 0.3654,
0.3248

 28.1433, 0.4218,
0.3170


 28.1433, 0.4218,
0.3170


 23.3367, 0.4611,
0.3151


 34.1725, 0.3885,
0.3195


 19.6651, 0.5050,
0.3143


 41.4957, 0.3610,
0.3223


 17.0361, 0.5500,
0.3151

 50.1835, 0.3389,
0.3250

 15.3410, 0.5904,
0.3179


 60.3006, 0.3210,
0.3276

 14.4466, 0.6200,
0.3224

 71.9072, 0.3067,
0.3301

 14.2013, 0.6294,
0.3241

 85.0603, 0.2951,
0.3323

 92.8839, 0.2877,
0.3289

Harmonies

Analogous

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



28.1433, 0.3637, 0.2720



28.1433, 0.4218, 0.3170



28.1433, 0.4463, 0.3676

Triad

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



28.1433, 0.4218, 0.3170



28.1433, 0.3186, 0.4449



28.1433, 0.2040, 0.2342

Complementary

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



28.1433, 0.4218, 0.3170



55.6082, 0.2572, 0.3423

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.



28.1433, 0.1952, 0.2681



28.1433, 0.4218, 0.3170



28.1433, 0.2568, 0.3971

Square

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



28.1433, 0.4218, 0.3170



28.1433, 0.3822, 0.4481



28.1433, 0.2129, 0.3273



28.1433, 0.2383, 0.2258

Rectangle

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



28.1433, 0.4218, 0.3170



28.1433, 0.4396, 0.4005



28.1433, 0.2129, 0.3273



28.1433, 0.1982, 0.2425

Sweetspot

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



28.1447, 0.4218, 0.3170



77.4056, 0.3361, 0.3254



29.8093, 0.3064, 0.2148



15.9063, 0.3405, 0.3248



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.



28.1447, 0.4218, 0.3170



35.0536, 0.4612, 0.3151



38.2497, 0.4120, 0.3751



12.4413, 0.3275, 0.3266



8.6833, 0.6273, 0.3229



0.5309, 0.5943, 0.3048

Inverse Universe

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



28.1447, 0.4218, 0.3170



35.0536, 0.4612, 0.3151



39.4956, 0.2428, 0.2763



12.4413, 0.3275, 0.3266



8.6833, 0.6273, 0.3229



0.5309, 0.5943, 0.3048

Previews

White Background



This preview shows how the Yxy color 28.1433, 0.4218, 0.3170 looks on a white background.

Color Contrast Check

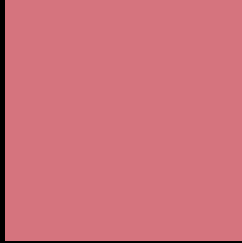
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1433, 0.4218, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

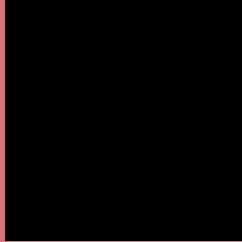
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1433, 0.4218, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 28.1433, 0.4218, 0.3170.



This preview shows how white text looks on a background with the Yxy color 28.1433, 0.4218, 0.3170.

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

28.1433, 0.4218, 0.3170

Protanopia

28.2592, 0.3210, 0.3338

Deuteranopia

28.3768, 0.3623, 0.3566



Tritanopia

28.1176, 0.4231, 0.3182

Trichromacy



Original Color

28.1433, 0.4218, 0.3170

Protanomaly

27.5984, 0.3543, 0.3261

Deuteranomaly

27.8530, 0.3847, 0.3406

Tritanomaly

28.1176, 0.4231, 0.3182

Monochromacy



Original Color

28.1433, 0.4218, 0.3170

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.7381, 0.3483, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1433, 0.4218, 0.3170 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(213, 116, 126)` looks like.

```
.text, #text, p{  
    color:rgb(213, 116, 126)  
}
```

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(213, 116, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 116, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.1433, 0.4218, 0.3170 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(213, 116, 126) }
```

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

```
.border{ border-color:rgb(213, 116, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 116, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 116, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 116, 126); box-shadow:4px 4px 4px 4px rgb(213, 116, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1433, 0.4218, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 116, 126) }
```

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

```
.background{ background-color: rgb(213,  
116, 126) }
```

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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