

Converting Colors

$Y_{xy}(22.7111, 0.4862, 0.3272)$

Have a look what the booklet for
Yxy(22.7111, 0.4862, 0.3272)
contains.

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Color

Yxy(22.7196, 0.4860, 0.3273)

Conversions

Conversions Part 1

Format	Color
Hex	D75B5D
RGB	215, 91, 93
RGB Percent	84%, 36%, 36%
CMY	0.1570, 0.6430, 0.6353
CMYK	0.00, 0.58, 0.57, 0.16
HSL	359°, 61%, 60%
HSV	359°, 58%, 84%
XYZ	33.7358, 22.7196, 12.9598
YIQ	128.3040, 73.2620, 26.9100

Conversions

Conversions Part 2

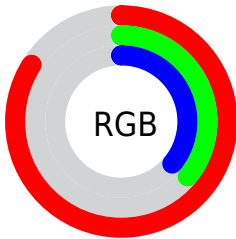
Format	Color
R_{YB}	215, 91, 93
Decimal	14113629
CIE Lab	54.78, 48.92, 23.66
CIE LCh	55, 54.338, 25.809
Yxy	22.7196, 0.4860, 0.3273
Android (android.graphics.Color)	4292303709 (0xFFD75B5D)
YUV	128.3040, -17.4049, 76.0324
Hunter-Lab	47.6651, 42.9226, 17.2450

Details

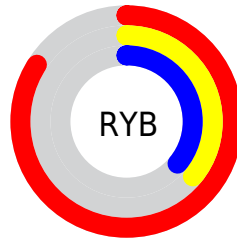
The Yxy color **22.7196, 0.4860, 0.3273** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **55.6199, 0.2421, 0.3315**, and the grayscale version is **21.7428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4940, 0.4292, 0.3314**, and **8.4356, 0.5503, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **19.2312, 0.5336, 0.3274**, and if you desaturate by 10%, it is **27.3668, 0.4417, 0.3274**.

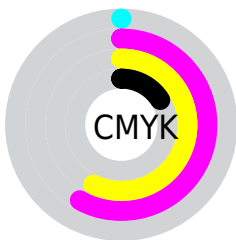
Distribution



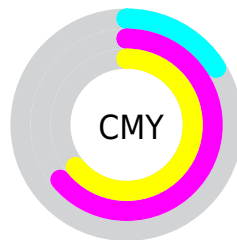
- Red (84%)
- Green (36%)
- Blue (36%)



- Red (84%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (58%)
- Yellow (57%)
- Black (16%)





- Cyan (16%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.7196, 0.4860, 0.3273 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 22.7196, 0.4860, 0.3273 by changing the saturation by 10% instead.


 22.7196, 0.4860,
0.3273


 22.7196, 0.4860,
0.3273


266.2815, 0.3888,
0.3334


 14.3866, 0.5134,
0.3232


 47.9325, 0.4482,
0.3312


 8.3900, 0.5502,
0.3161


 65.5812, 0.4348,
0.3321

 4.3455, 0.6010,
0.3027

 87.1039, 0.4237,
0.3327

 1.8687, 0.6952,
0.2853

 112.8850, 0.4144,
0.3330

 0.5294, 0.7923,
0.2077

143.3089, 0.4066,
0.3332

 0.0000, 1.0000,
0.0000


178.7601, 0.3998,


 0.0000, 0.0000,


0.3334

0.0000


219.6228, 0.3940,
0.3334

 22.7196, 0.4860,
0.3273


 22.7196, 0.4860,
0.3273

 19.2312, 0.5336,
0.3274


 27.3668, 0.4417,
0.3274

 16.7964, 0.5790,
0.3278


 33.2584, 0.4034,
0.3277


 15.2976, 0.6148,
0.3285

 40.4765, 0.3717,
0.3280

 14.5713, 0.6353,
0.3292

 49.0949, 0.3461,
0.3284

 14.4510, 0.6387,
0.3292

 59.1821, 0.3256,
0.3287

■ 70.8020, 0.3092,
0.3291

■ 84.0149, 0.2961,
0.3294

■ 93.1836, 0.2888,
0.3289

Harmonies

Analogous

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



22.7196, 0.4138, 0.2666



22.7196, 0.4860, 0.3273



22.7196, 0.4982, 0.3937

Triad

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



22.7196, 0.4860, 0.3273



22.7196, 0.2877, 0.4882



22.7196, 0.1760, 0.1926

Complementary

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



22.7196, 0.4860, 0.3273



55.6199, 0.2421, 0.3315

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.



22.7196, 0.1545, 0.2231



22.7196, 0.4860, 0.3273



22.7196, 0.2102, 0.3977

Square

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



22.7196, 0.4860, 0.3273



22.7196, 0.3768, 0.5050



22.7196, 0.1647, 0.2928



22.7196, 0.2295, 0.1930

Rectangle

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



22.7196, 0.4860, 0.3273



22.7196, 0.4738, 0.4385



22.7196, 0.1647, 0.2928



22.7196, 0.1654, 0.1989

Sweetspot

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



22.7208, 0.4860, 0.3273



72.9425, 0.3450, 0.3284



26.5252, 0.3168, 0.1935



15.0206, 0.3497, 0.3283



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.



22.7208, 0.4860, 0.3273



27.4658, 0.5432, 0.3275



37.3125, 0.4394, 0.4002



12.4240, 0.3289, 0.3287



8.6470, 0.6382, 0.3290



0.5227, 0.6324, 0.3258

Inverse Universe

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



22.7208, 0.4860, 0.3273



27.4658, 0.5432, 0.3275



30.5964, 0.2219, 0.2398



12.4240, 0.3289, 0.3287



8.6470, 0.6382, 0.3290



0.5227, 0.6324, 0.3258

Previews

White Background



This preview shows how the Yxy color 22.7196, 0.4860, 0.3273 looks on a white background.

Color Contrast Check

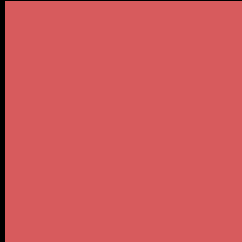
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7196, 0.4860, 0.3273 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 22.7196, 0.4860, 0.3273

Background



This preview shows how black text looks on a background with the Yxy color 22.7196, 0.4860, 0.3273.



This preview shows how white text looks on a background with the Yxy color 22.7196, 0.4860, 0.3273.

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

22.7196, 0.4860, 0.3273

Protanopia

22.8693, 0.3444, 0.3641

Deuteranopia

22.8789, 0.3989, 0.3920



Tritanopia

22.6039, 0.4824, 0.3227

Trichromacy



Original Color

22.7196, 0.4860, 0.3273

Protanomaly

21.7057, 0.3957, 0.3480

Deuteranomaly

22.1152, 0.4329, 0.3641

Tritanomaly

22.5856, 0.4839, 0.3239

Monochromacy



Original Color

22.7196, 0.4860, 0.3273

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.9729, 0.3723, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7196, 0.4860, 0.3273 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(215, 91, 93)` looks like.

```
.text, #text, p{  
    color:rgb(215, 91, 93)  
}
```

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(215, 91, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 91, 93) }
```

Border

The CSS property to change the border of an element to Yxy 22.7196, 0.4860, 0.3273 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(215, 91, 93) }
```

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

```
.border{ border-color:rgb(215, 91, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 91, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 91, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 91, 93);  
box-shadow:4px 4px 4px 4px rgb(215, 91,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7196, 0.4860, 0.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 91, 93) }
```

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

```
.background{ background-color: rgb(215, 91,  
93) }
```

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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