

Converting Colors

$Y_{xy}(22.6113, 0.4961, 0.3295)$

Have a look what the booklet for
Yxy(22.6113, 0.4961, 0.3295)
contains.

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Color

Yxy(22.6177, 0.4952, 0.3295)

Conversions

Conversions Part 1

Format	Color
Hex	D95959
RGB	217, 89, 89
RGB Percent	85%, 35%, 35%
CMY	0.1490, 0.6510, 0.6508
CMYK	0.00, 0.59, 0.59, 0.15
HSL	360°, 63%, 60%
HSV	360°, 59%, 85%
XYZ	33.9918, 22.6177, 12.0330
YIQ	127.2720, 76.2880, 27.1360

Conversions

Conversions Part 2

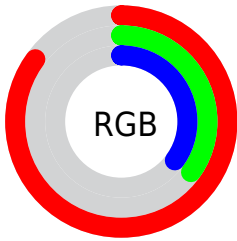
Format	Color
R _Y B	217, 89, 89
Decimal	14244185
CIE Lab	54.68, 50.27, 25.88
CIE LCh	55, 56.538, 27.240
Yxy	22.6177, 0.4952, 0.3295
Android (android.graphics.Color)	4292434265 (0xFFD95959)
YUV	127.2720, -18.8681, 78.6915
Hunter-Lab	47.5581, 44.3549, 18.2892

Details

The Yxy color **22.6177, 0.4952, 0.3295** 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 **56.7571, 0.2402, 0.3288**, and the grayscale version is **21.3702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7690, 0.4345, 0.3335**, and **8.2754, 0.5629, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **19.2115, 0.5433, 0.3297**, and if you desaturate by 10%, it is **27.1978, 0.4496, 0.3294**.

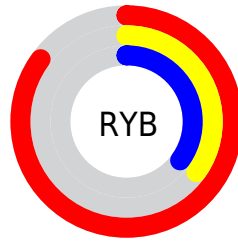
Distribution



Red (85%)

Green (35%)

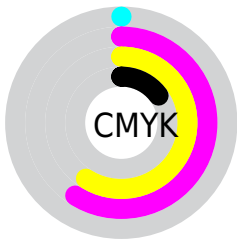
Blue (35%)



Red (85%)

Yellow (35%)

Blue (35%)

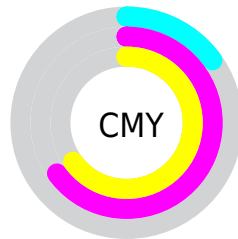


Cyan (0%)

Magenta (59%)

Yellow (59%)

Black (15%)



Cyan (15%)


Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6177, 0.4952, 0.3295 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 22.6177, 0.4952, 0.3295 by changing the saturation by 10% instead.


 22.6177, 0.4952,
0.3295


 22.6177, 0.4952,
0.3295


265.7553, 0.3930,
0.3351


 14.3115, 0.5238,
0.3252


 47.7648, 0.4556,
0.3334


 8.3376, 0.5619,
0.3176


 65.3745, 0.4414,
0.3343


 4.3117, 0.6139,
0.3032

 86.8541, 0.4298,
0.3348

 1.8494, 0.7142,
0.2858

 112.5881, 0.4200,
0.3351

 0.5177, 0.7991,
0.2009

 142.9608, 0.4117,
0.3352

 0.0000, 1.0000,
0.0000

178.3567, 0.4046,

 0.0000, 0.0000,

0.3352

0.0000

219.1600, 0.3984,
0.3352

■ 22.6177, 0.4952,
0.3295

■ 22.6177, 0.4952,
0.3295

■ 19.2115, 0.5433,
0.3297

■ 27.1978, 0.4496,
0.3294

■ 16.8693, 0.5877,
0.3298

■ 33.0416, 0.4097,
0.3293

■ 15.4666, 0.6208,
0.3299

■ 40.2343, 0.3766,
0.3292

■ 14.8043, 0.6386,
0.3300

■ 48.8527, 0.3498,
0.3291

■ 14.7516, 0.6401,
0.3300

■ 58.9680, 0.3283,
0.3290

■ 70.6463, 0.3111,
0.3290

■ 83.9500, 0.2974,
0.3290

■ 93.4915, 0.2900,
0.3289

Harmonies

Analogous

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



22.6177, 0.4225, 0.2669



22.6177, 0.4952, 0.3295



22.6177, 0.5039, 0.3979

Triad

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



22.6177, 0.4952, 0.3295



22.6177, 0.2816, 0.4929



22.6177, 0.1733, 0.1873

Complementary

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



22.6177, 0.4952, 0.3295



56.7571, 0.2402, 0.3288

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.



22.6177, 0.1499, 0.2166



22.6177, 0.4952, 0.3295



22.6177, 0.2030, 0.3951

Square

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



22.6177, 0.4952, 0.3295



22.6177, 0.3736, 0.5131



22.6177, 0.1584, 0.2862



22.6177, 0.2298, 0.1893

Rectangle

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



22.6177, 0.4952, 0.3295



22.6177, 0.4763, 0.4443



22.6177, 0.1584, 0.2862



22.6177, 0.1620, 0.1932

Sweetspot

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



22.6189, 0.4952, 0.3295



71.5190, 0.3478, 0.3291



26.5820, 0.3169, 0.1911



14.4693, 0.3550, 0.3291



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.



22.6189, 0.4952, 0.3295



26.6452, 0.5558, 0.3297



37.5638, 0.4432, 0.4016



13.0516, 0.3292, 0.3290



8.9300, 0.6400, 0.3300



0.5785, 0.6400, 0.3299

Inverse Universe

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



22.6189, 0.4952, 0.3295



26.6452, 0.5558, 0.3297



30.6214, 0.2199, 0.2372



13.0516, 0.3292, 0.3290



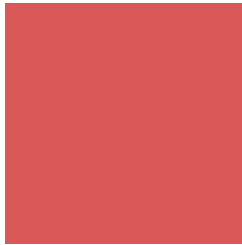
8.9300, 0.6400, 0.3300



0.5785, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 22.6177, 0.4952, 0.3295 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 22.6177, 0.4952, 0.3295 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 22.6177, 0.4952, 0.3295

Background



This preview shows how black text looks on a background with the Yxy color 22.6177, 0.4952, 0.3295.



This preview shows how white text looks on a background with the Yxy color 22.6177, 0.4952, 0.3295.

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

22.6177, 0.4952, 0.3295

Protanopia

22.7831, 0.3489, 0.3712

Deuteranopia

22.5609, 0.4043, 0.3966



Tritanopia

22.5393, 0.4889, 0.3229

Trichromacy



Original Color

22.6177, 0.4952, 0.3295

Protanomaly

21.6264, 0.4010, 0.3542

Deuteranomaly

21.8279, 0.4389, 0.3682

Tritanomaly

22.5039, 0.4917, 0.3251

Monochromacy



Original Color

22.6177, 0.4952, 0.3295

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.4761, 0.3759, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6177, 0.4952, 0.3295 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(217, 89, 89)` looks like.

```
.text, #text, p{  
    color:rgb(217, 89, 89)  
}
```

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(217, 89, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 89, 89) }
```

Border

The CSS property to change the border of an element to Yxy 22.6177, 0.4952, 0.3295 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(217, 89, 89) }
```

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

```
.border{ border-color:rgb(217, 89, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 89, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 89, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 89, 89);  
box-shadow:4px 4px 4px 4px rgb(217, 89,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6177, 0.4952, 0.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 89, 89) }
```

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

```
.background{ background-color: rgb(217, 89,  
89) }
```

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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