

Converting Colors

$Y_{xy}(22.4926, 0.4747, 0.3295)$

Have a look what the booklet for
Yxy(22.4926, 0.4747, 0.3295)
contains.

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Color

Yxy(22.5660, 0.4738, 0.3295)

Conversions

Conversions Part 1

Format	Color
Hex	D15F5F
RGB	209, 95, 95
RGB Percent	82%, 37%, 37%
CMY	0.1805, 0.6274, 0.6275
CMYK	0.00, 0.55, 0.55, 0.18
HSL	0°, 55%, 60%
HSV	0°, 55%, 82%
XYZ	32.4485, 22.5660, 13.4711
YIQ	129.0860, 67.9440, 24.1680

Conversions

Conversions Part 2

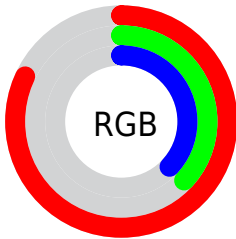
Format	Color
R _Y B	209, 95, 95
Decimal	13721439
CIE Lab	54.62, 45.05, 22.11
CIE LCh	55, 50.177, 26.138
Yxy	22.5660, 0.4738, 0.3295
Android (android.graphics.Color)	4291911519 (0xFFD15F5F)
YUV	129.0860, -16.8044, 70.0846
Hunter-Lab	47.5037, 38.7970, 16.4391

Details

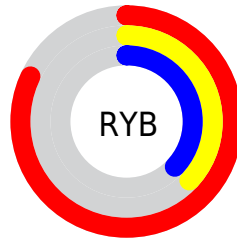
The Yxy color **22.5660, 0.4738, 0.3295** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **52.6155, 0.2438, 0.3288**, and the grayscale version is **22.0290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7992, 0.4251, 0.3335**, and **8.3617, 0.5348, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **18.9631, 0.5213, 0.3296**, and if you desaturate by 10%, it is **27.2825, 0.4307, 0.3294**.

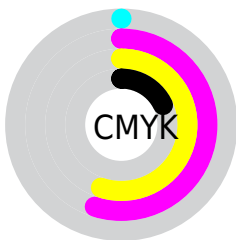
Distribution



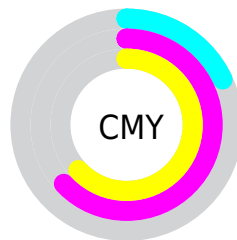
- Red (82%)
- Green (37%)
- Blue (37%)



- Red (82%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (55%)
- Yellow (55%)
- Black (18%)





- Cyan (18%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5660, 0.4738, 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 22.5660, 0.4738, 0.3295 by changing the saturation by 10% instead.


 22.5660, 0.4738,
0.3295


 22.5660, 0.4738,
0.3295


265.4880, 0.3832,
0.3337

 14.2734, 0.4996,
0.3262


 47.6797, 0.4384,
0.3325

 8.3110, 0.5345,
0.3203


 65.2696, 0.4259,
0.3331

 4.2946, 0.5834,
0.3088

 86.7273, 0.4156,
0.3335

 1.8397, 0.6723,
0.2931

 112.4373, 0.4070,
0.3337

 0.5117, 0.7812,
0.2188

142.7840, 0.3996,
0.3338

 0.0000, 1.0000,
0.0000


178.1518, 0.3934,

 0.0000, 0.0000,


0.3338

0.0000


218.9249, 0.3880,
0.3338


 22.5660, 0.4738,
0.3295


 22.5660, 0.4738,
0.3295


 18.9631, 0.5213,
0.3296


 27.2825, 0.4307,
0.3294


 16.3792, 0.5682,
0.3298


 33.1901, 0.3939,
0.3293

 14.7101, 0.6073,
0.3299


 40.3632, 0.3638,
0.3292


 13.8275, 0.6318,
0.3300

 48.8696, 0.3396,
0.3291

 13.5537, 0.6401,
0.3300

 58.7719, 0.3202,
0.3290

 70.1288, 0.3047,
0.3290

 82.9959, 0.2923,
0.3289

 92.2927, 0.2855,
0.3289

Harmonies

Analogous

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



22.5660, 0.4075, 0.2715



22.5660, 0.4738, 0.3295



22.5660, 0.4857, 0.3926

Triad

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



22.5660, 0.4738, 0.3295



22.5660, 0.2898, 0.4742



22.5660, 0.1846, 0.2008

Complementary

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



22.5660, 0.4738, 0.3295



52.6155, 0.2438, 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.



22.5660, 0.1639, 0.2302



22.5660, 0.4738, 0.3295



22.5660, 0.2170, 0.3914

Square

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



22.5660, 0.4738, 0.3295



22.5660, 0.3734, 0.4925



22.5660, 0.1737, 0.2955



22.5660, 0.2359, 0.2011

Rectangle

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



22.5660, 0.4738, 0.3295



22.5660, 0.4636, 0.4343



22.5660, 0.1737, 0.2955



22.5660, 0.1744, 0.2070

Sweetspot

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



22.5672, 0.4738, 0.3295



74.3241, 0.3432, 0.3291



26.3392, 0.3187, 0.2004



15.2916, 0.3480, 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.



22.5672, 0.4738, 0.3295



29.1778, 0.5271, 0.3297



36.8320, 0.4290, 0.3992



11.8087, 0.3291, 0.3291



8.3586, 0.6401, 0.3300



0.4675, 0.6400, 0.3300

Inverse Universe

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



52.6155, 0.2438, 0.3288



80.8536, 0.2356, 0.3287



29.4885, 0.2260, 0.2427



13.4067, 0.2983, 0.3290



30.9412, 0.2246, 0.3287



1.7302, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 22.5660, 0.4738, 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 22.5660, 0.4738, 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 22.5660, 0.4738, 0.3295

Background



This preview shows how black text looks on a background with the Yxy color 22.5660, 0.4738, 0.3295.



This preview shows how white text looks on a background with the Yxy color 22.5660, 0.4738, 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

22.5660, 0.4738, 0.3295

Protanopia

22.7836, 0.3432, 0.3642

Deuteranopia

22.8280, 0.3941, 0.3876



Tritanopia

22.5003, 0.4658, 0.3211

Trichromacy



Original Color

22.5660, 0.4738, 0.3295

Protanomaly

21.8693, 0.3893, 0.3499

Deuteranomaly

22.2643, 0.4237, 0.3633

Tritanomaly

22.4616, 0.4688, 0.3235

Monochromacy



Original Color

22.5660, 0.4738, 0.3295

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2760, 0.3662, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5660, 0.4738, 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(209, 95, 95)` looks like.

```
.text, #text, p{  
    color:rgb(209, 95, 95)  
}
```

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(209, 95, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 95, 95) }
```

Border

The CSS property to change the border of an element to Yxy 22.5660, 0.4738, 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(209, 95, 95) }
```

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

```
.border{ border-color:rgb(209, 95, 95) }
```

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

Here you see how a box with a 4 pixel rgb(209, 95, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 95, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 95, 95);  
box-shadow:4px 4px 4px 4px rgb(209, 95,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5660, 0.4738, 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(209, 95, 95) }
```

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

```
.background{ background-color: rgb(209, 95,  
95) }
```

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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