

Converting Colors

$Yxy(13.1283, 0.5916, 0.3298)$

Have a look what the booklet for
Yxy(13.1283, 0.5916, 0.3298)
contains.

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Color

Yxy(13.1283, 0.5916, 0.3298)

Conversions

Conversions Part 1

Format	Color
Hex	C32626
RGB	195, 38, 38
RGB Percent	76%, 15%, 15%
CMY	0.2353, 0.8510, 0.8509
CMYK	0.00, 0.81, 0.80, 0.24
HSL	360°, 67%, 46%
HSV	360°, 81%, 76%
XYZ	23.5497, 13.1283, 3.1288
YIQ	84.9430, 93.5720, 33.2840

Conversions

Conversions Part 2

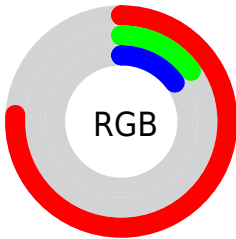
Format	Color
RYB	195, 38, 38
Decimal	12789286
CIELab	42.96, 59.92, 40.39
CIElCh	43, 72.261, 33.982
Yxy	13.1283, 0.5916, 0.3298
Android (android.graphics.Color)	4290979366 (0xFFC32626)
YUV	84.9430, -23.1429, 96.5200
Hunter-Lab	36.2330, 52.6088, 20.2432

Details

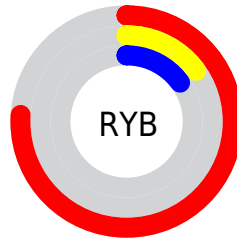
The Yxy color **13.1283, 0.5916, 0.3298** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **43.3830, 0.2286, 0.3288**, and the grayscale version is **9.1076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.8238, 0.5258, 0.3426**, and **4.9865, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **12.0971, 0.6230, 0.3299**, and if you desaturate by 10%, it is **14.8795, 0.5483, 0.3297**.

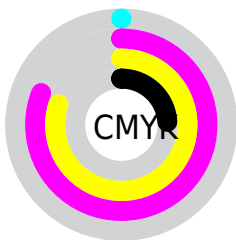
Distribution



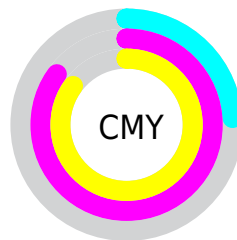
- Red (76%)
- Green (15%)
- Blue (15%)



- Red (76%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (81%)
- Yellow (80%)
- Black (24%)



- Cyan (24%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.1283, 0.5916, 0.3298 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 13.1283, 0.5916, 0.3298 by changing the saturation by 10% instead.


 13.1283, 0.5916,
0.3298


 13.1283, 0.5916,
0.3298


211.7383, 0.4292,
0.3456


 7.5170, 0.6354,
0.3158


 31.5341, 0.5286,
0.3419


 3.7874, 0.7036,
0.2964

 45.0973, 0.5059,
0.3443


 1.5554, 0.7550,
0.2450

 62.0800, 0.4872,
0.3455

 0.3272, 0.8684,
0.1316

 82.8664, 0.4716,
0.3461

 0.0000, 1.0000,
0.0000


 107.8411, 0.4585,
0.3463


 0.0000, 0.0000,
0.0000


 137.3884, 0.4473,


0.3462


 171.8926, 0.4376,
0.3459


 13.1283, 0.5916,
0.3298

 13.1283, 0.5916,
0.3298


 12.0971, 0.6230,
0.3299


 14.8795, 0.5483,
0.3297


 11.6026, 0.6401,
0.3300

 17.4470, 0.5005,
0.3295


 20.9148, 0.4547,
0.3294


 25.3558, 0.4143,
0.3293

 30.8356, 0.3806,
0.3292

 37.4140, 0.3531,
0.3291

 45.1464, 0.3311,
0.3291

 54.0842, 0.3135,
0.3290

 64.2760, 0.2994,
0.3290

Harmonies

Analogous

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



13.1283, 0.5095, 0.2534



13.1283, 0.5916, 0.3298



13.1283, 0.5633, 0.4165

Triad

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



13.1283, 0.5916, 0.3298



13.1283, 0.2245, 0.5724



13.1283, 0.1354, 0.1343

Complementary

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



13.1283, 0.5916, 0.3298



43.3830, 0.2286, 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.



13.1283, 0.0991, 0.1555



13.1283, 0.5916, 0.3298



13.1283, 0.1340, 0.3835

Square

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



13.1283, 0.5916, 0.3298



13.1283, 0.3446, 0.6095



13.1283, 0.0965, 0.2275



13.1283, 0.2159, 0.1459

Rectangle

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



13.1283, 0.5916, 0.3298



13.1283, 0.5064, 0.4879



13.1283, 0.0965, 0.2275



13.1283, 0.1192, 0.1373

Sweetspot

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



13.1291, 0.5916, 0.3298



62.2183, 0.3630, 0.3291



16.5837, 0.3172, 0.1624



12.6990, 0.3732, 0.3292



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.



13.1291, 0.5916, 0.3298



20.9607, 0.6365, 0.3300



23.7516, 0.5018, 0.4130



10.0779, 0.3289, 0.3290



7.5408, 0.6401, 0.3300



0.3258, 0.6400, 0.3299

Inverse Universe

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



13.1291, 0.5916, 0.3298



20.9607, 0.6365, 0.3300



17.5747, 0.1941, 0.1976



10.0779, 0.3289, 0.3290



7.5408, 0.6401, 0.3300



0.3258, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 13.1283, 0.5916, 0.3298 looks on a white 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

Black Background



This preview shows how the Yxy color 13.1283, 0.5916, 0.3298 looks on a black 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

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

Yxy 13.1283, 0.5916, 0.3298

Background



This preview shows how black text looks on a background with the Yxy color 13.1283, 0.5916, 0.3298.



This preview shows how white text looks on a background with the Yxy color 13.1283, 0.5916, 0.3298.

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

13.1283, 0.5916, 0.3298

Protanopia

13.4967, 0.3920, 0.4276

Deuteranopia

13.2825, 0.4575, 0.4504



Tritanopia

13.1283, 0.5916, 0.3298

Trichromacy



Original Color

13.1283, 0.5916, 0.3298

Protanomaly

11.6534, 0.4779, 0.3794

Deuteranomaly

12.0299, 0.5207, 0.3929

Tritanomaly

13.1283, 0.5916, 0.3298

Monochromacy



Original Color

13.1283, 0.5916, 0.3298

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

8.9116, 0.4275, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.1283, 0.5916, 0.3298 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(195, 38, 38)` looks like.

```
.text, #text, p{  
    color:rgb(195, 38, 38)  
}
```

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(195, 38, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 38, 38) }
```

Border

The CSS property to change the border of an element to Yxy 13.1283, 0.5916, 0.3298 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(195, 38, 38) }
```

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

```
.border{ border-color:rgb(195, 38, 38) }
```

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

Here you see how a box with a 4 pixel rgb(195, 38, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 38, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 38, 38);  
box-shadow:4px 4px 4px 4px rgb(195, 38,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 13.1283, 0.5916, 0.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 38, 38) }
```

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

```
.background{ background-color: rgb(195, 38,  
38) }
```

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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