

Converting Colors

$Yxy(15.5413, 0.6277, 0.3303)$

Have a look what the booklet for
Yxy(15.5413, 0.6277, 0.3303)
contains.

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Color

Yxy(15.5332, 0.6278, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	DB1211
RGB	219, 18, 17
RGB Percent	86%, 7%, 7%
CMY	0.1412, 0.9294, 0.9330
CMYK	0.00, 0.92, 0.92, 0.14
HSL	0°, 86%, 46%
HSV	0°, 92%, 86%
XYZ	29.5328, 15.5332, 1.9758
YIQ	77.9850, 120.1170, 42.3010

Conversions

Conversions Part 2

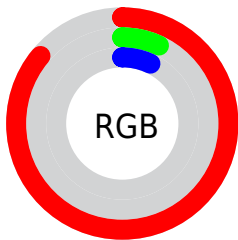
Format	Color
RYB	219, 18, 17
Decimal	14357009
CIELab	46.36, 69.88, 54.95
CIElCh	46, 88.900, 38.182
Yxy	15.5332, 0.6278, 0.3302
Android (android.graphics.Color)	4292547089 (0xFFDB1211)
YUV	77.9850, -30.0656, 123.6702
Hunter-Lab	39.4122, 64.7846, 24.6163

Details

The Yxy color **15.5332, 0.6278, 0.3302** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **55.4294, 0.2252, 0.3275**, and the grayscale version is **7.6585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4820, 0.5490, 0.3508**, and **6.8700, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **15.0822, 0.6398, 0.3302**, and if you desaturate by 10%, it is **16.7115, 0.5996, 0.3303**.

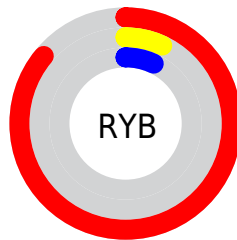
Distribution



Red (86%)

Green (7%)

Blue (7%)



Red (86%)

Yellow (7%)

Blue (7%)

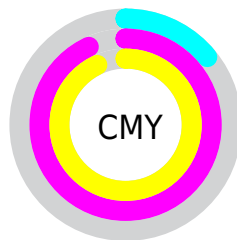


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (14%)



Cyan (14%)


Magenta (93%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5332, 0.6278, 0.3302 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 15.5332, 0.6278, 0.3302 by changing the saturation by 10% instead.


 15.5332, 0.6278,
0.3302


 15.5332, 0.6278,
0.3302


226.5712, 0.4556,
0.3539


 9.1944, 0.6685,
0.3131


 35.7859, 0.5657,
0.3472


 4.8682, 0.7153,
0.2847

 50.4686, 0.5418,
0.3509


 2.1702, 0.7627,
0.2373

 68.7015, 0.5215,
0.3530

 0.7036, 0.8323,
0.1677

 90.8688, 0.5042,
0.3541


 0.0000, 1.0000,
0.0000


 117.3551, 0.4894,
0.3545


 0.0000, 0.0000,
0.0000

 148.5446, 0.4766,


0.3545


 184.8219, 0.4654,
0.3543


 15.5332, 0.6278,
0.3302


 15.5332, 0.6278,
0.3302

 15.0822, 0.6398,
0.3302

 16.7115, 0.5996,
0.3303

 18.7989, 0.5580,
0.3303

 21.9309, 0.5103,
0.3302

 26.2200, 0.4635,
0.3300

 31.7640, 0.4217,
0.3298

■ 38.6503, 0.3865,
0.3296

■ 46.9586, 0.3577,
0.3294

■ 56.7624, 0.3347,
0.3292

■ 68.1302, 0.3162,
0.3290

Harmonies

Analogous

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



15.5332, 0.5598, 0.2518



15.5332, 0.6278, 0.3302



15.5332, 0.5737, 0.4263

Triad

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



15.5332, 0.6278, 0.3302



15.5332, 0.1884, 0.5959



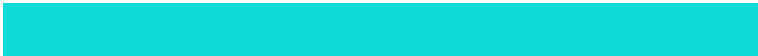
15.5332, 0.1263, 0.1158

Complementary

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



15.5332, 0.6278, 0.3302



55.4294, 0.2252, 0.3275

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.



15.5332, 0.0838, 0.1306



15.5332, 0.6278, 0.3302



15.5332, 0.1029, 0.3559

Square

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



15.5332, 0.6278, 0.3302



15.5332, 0.3141, 0.6563



15.5332, 0.0749, 0.1945



15.5332, 0.2199, 0.1324

Rectangle

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



15.5332, 0.6278, 0.3302



15.5332, 0.4951, 0.5049



15.5332, 0.0749, 0.1945



15.5332, 0.1076, 0.1169

Sweetspot

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



15.5342, 0.6278, 0.3302



58.9517, 0.3744, 0.3295



20.5794, 0.3208, 0.1564



11.5872, 0.3877, 0.3296



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.



15.5342, 0.6278, 0.3302



21.2848, 0.6399, 0.3301



28.0701, 0.5270, 0.4132



13.0608, 0.3292, 0.3292



8.9468, 0.6397, 0.3303



0.5830, 0.6386, 0.3311

Inverse Universe

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



55.4294, 0.2252, 0.3275



78.0127, 0.2243, 0.3274



18.2032, 0.1819, 0.1698



14.8190, 0.2982, 0.3289



32.7752, 0.2243, 0.3274



2.1267, 0.2243, 0.3276

Previews

White Background



This preview shows how the Yxy color 15.5332, 0.6278, 0.3302 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 15.5332, 0.6278, 0.3302 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 15.5332, 0.6278, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 15.5332, 0.6278, 0.3302.



This preview shows how white text looks on a background with the Yxy color 15.5332, 0.6278, 0.3302.

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

15.5332, 0.6278, 0.3302

Protanopia

15.7813, 0.4203, 0.4634

Deuteranopia

15.8835, 0.4686, 0.4661



Tritanopia

15.5258, 0.6344, 0.3345

Trichromacy



Original Color

15.5332, 0.6278, 0.3302

Protanomaly

12.7674, 0.5258, 0.3909

Deuteranomaly

13.3457, 0.5551, 0.3932

Tritanomaly

15.5390, 0.6321, 0.3332

Monochromacy



Original Color

15.5332, 0.6278, 0.3302

Achromatopsia

7.6185, 0.3127, 0.3290

Achromatomaly

7.7810, 0.4735, 0.3295

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5332, 0.6278, 0.3302 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(219, 18, 17)` looks like.

```
.text, #text, p{  
    color:rgb(219, 18, 17)  
}
```

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(219, 18, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 18, 17) }
```

Border

The CSS property to change the border of an element to Yxy 15.5332, 0.6278, 0.3302 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(219, 18, 17) }
```

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

```
.border{ border-color:rgb(219, 18, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 18, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 18, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 18, 17);  
box-shadow:4px 4px 4px 4px rgb(219, 18,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5332, 0.6278, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 18, 17) }
```

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

```
.background{ background-color: rgb(219, 18,  
17) }
```

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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