

Converting Colors

Yxy(17.2012, 0.6143, 0.3404)

Have a look what the booklet for
Yxy(17.2012, 0.6143, 0.3404)
contains.

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Color

Yxy(17.2325, 0.6139, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	DE2A13
RGB	222, 42, 19
RGB Percent	87%, 16%, 7%
CMY	0.1294, 0.8352, 0.9252
CMYK	0.00, 0.81, 0.91, 0.13
HSL	7°, 84%, 47%
HSV	7°, 91%, 87%
XYZ	31.0691, 17.2325, 2.3078
YIQ	93.1980, 114.6630, 31.0070

Conversions

Conversions Part 2

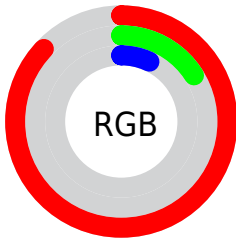
Format	Color
RYB	222, 45, 19
Decimal	14559763
CIELab	48.55, 66.19, 55.95
CIElCh	49, 86.667, 40.206
Yxy	17.2325, 0.6139, 0.3405
Android (android.graphics.Color)	4292749843 (0xFFDE2A13)
YUV	93.1980, -36.5796, 112.9594
Hunter-Lab	41.5120, 60.9497, 25.7623

Details

The Yxy color **17.2325, 0.6139, 0.3405** 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 **46.2780, 0.2166, 0.2959**, and the grayscale version is **11.0667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.7928, 0.5356, 0.3595**, and **7.1681, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **16.2288, 0.6318, 0.3365**, and if you desaturate by 10%, it is **19.1047, 0.5813, 0.3445**.

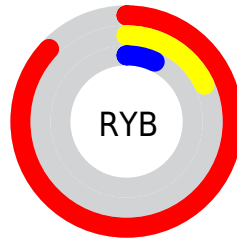
Distribution



Red (87%)

Green (16%)

Blue (7%)



Red (87%)

Yellow (18%)

Blue (7%)

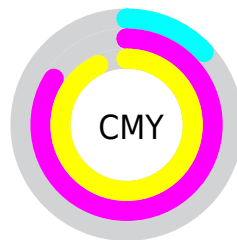


Cyan (0%)

Magenta (81%)

Yellow (91%)

Black (13%)



Cyan (13%)


Magenta (84%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.2325, 0.6139, 0.3405 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 17.2325, 0.6139, 0.3405 by changing the saturation by 10% instead.


 17.2325, 0.6139,
0.3405


 17.2325, 0.6139,
0.3405


236.5087, 0.4511,
0.3572


 10.4004, 0.6513,
0.3256


 38.7251, 0.5555,
0.3543


 5.6652, 0.6980,
0.3020

 54.1544, 0.5329,
0.3570


 2.6426, 0.7412,
0.2588

 73.2182, 0.5137,
0.3583

 0.9481, 0.8032,
0.1968

 96.3009, 0.4974,
0.3588

 0.0000, 1.0000,
0.0000


 123.7869, 0.4833,
0.3588

 0.0000, 0.0000,
0.0000


 156.0606, 0.4711,


0.3584

 193.5064, 0.4604,
0.3578


 17.2325, 0.6139,
0.3405


 17.2325, 0.6139,
0.3405


 16.2288, 0.6318,
0.3365

 19.1047, 0.5813,
0.3445

 21.8373, 0.5395,
0.3464

 25.5197, 0.4945,
0.3462

 30.2291, 0.4516,
0.3445

 36.0345, 0.4135,
0.3418

■ 42.9991, 0.3812,
0.3386

■ 51.1813, 0.3545,
0.3354

■ 60.6355, 0.3327,
0.3323

■ 71.4128, 0.3149,
0.3294

Harmonies

Analogous

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



17.2325, 0.5553, 0.2620



17.2325, 0.6139, 0.3405



17.2325, 0.5600, 0.4361

Triad

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



17.2325, 0.6139, 0.3405



17.2325, 0.1897, 0.5648



17.2325, 0.1376, 0.1232

Complementary

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



17.2325, 0.6139, 0.3405



46.2780, 0.2166, 0.2959

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.



17.2325, 0.0926, 0.1362



17.2325, 0.6139, 0.3405



17.2325, 0.1085, 0.3423

Square

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



17.2325, 0.6139, 0.3405



17.2325, 0.3113, 0.6422



17.2325, 0.0822, 0.1955



17.2325, 0.2332, 0.1416

Rectangle

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



17.2325, 0.6139, 0.3405



17.2325, 0.4865, 0.5135



17.2325, 0.0822, 0.1955



17.2325, 0.1180, 0.1237

Sweetspot

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



17.2336, 0.6139, 0.3405



63.3676, 0.3694, 0.3373



20.2470, 0.3453, 0.1706



12.7699, 0.3790, 0.3384



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.



17.2336, 0.6139, 0.3405



22.1312, 0.6326, 0.3359



34.5739, 0.4998, 0.4348



13.9489, 0.3289, 0.3317



9.7212, 0.6303, 0.3377



0.7583, 0.6085, 0.3550

Inverse Universe

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



46.2780, 0.2166, 0.2959



61.6969, 0.2145, 0.2922



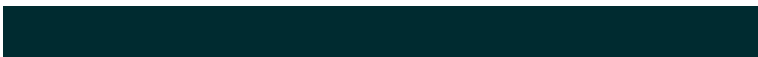
14.5730, 0.1741, 0.1407



15.2936, 0.2982, 0.3263



26.9252, 0.2148, 0.2931



1.9427, 0.2164, 0.2991

Previews

White Background



This preview shows how the Yxy color 17.2325, 0.6139, 0.3405 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 17.2325, 0.6139, 0.3405 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 17.2325, 0.6139, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 17.2325, 0.6139, 0.3405.



This preview shows how white text looks on a background with the Yxy color 17.2325, 0.6139, 0.3405.

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

17.2325, 0.6139, 0.3405

Protanopia

17.3640, 0.4225, 0.4652

Deuteranopia

17.2629, 0.4697, 0.4652



Tritanopia

17.1937, 0.6006, 0.3304

Trichromacy



Original Color

17.2325, 0.6139, 0.3405

Protanomaly

15.0250, 0.5102, 0.4053

Deuteranomaly

15.5110, 0.5408, 0.4044

Tritanomaly

17.2198, 0.6060, 0.3347

Monochromacy



Original Color

17.2325, 0.6139, 0.3405

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.8664, 0.4507, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2325, 0.6139, 0.3405 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(222, 42, 19)` looks like.

```
.text, #text, p{  
    color:rgb(222, 42, 19)  
}
```

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(222, 42, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 42, 19) }
```

Border

The CSS property to change the border of an element to Yxy 17.2325, 0.6139, 0.3405 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(222, 42, 19) }
```

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

```
.border{ border-color:rgb(222, 42, 19) }
```

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

Here you see how a box with a 4 pixel rgb(222, 42, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 42, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 42, 19);  
box-shadow:4px 4px 4px 4px rgb(222, 42,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2325, 0.6139, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 42, 19) }
```

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

```
.background{ background-color: rgb(222, 42,  
19) }
```

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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