

Converting Colors

$Yxy(14.4513, 0.6177, 0.3210)$

Have a look what the booklet for
Yxy(14.4513, 0.6177, 0.3210)
contains.

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Color

Yxy(14.4513, 0.6177, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	D50921
RGB	213, 9, 33
RGB Percent	84%, 4%, 13%
CMY	0.1648, 0.9640, 0.8707
CMYK	0.00, 0.96, 0.85, 0.16
HSL	353°, 92%, 44%
HSV	353°, 96%, 84%
XYZ	27.8086, 14.4513, 2.7597
YIQ	72.7320, 113.8800, 50.7120

Conversions

Conversions Part 2

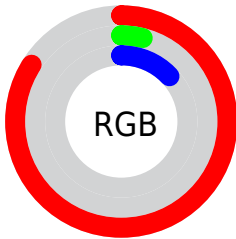
Format	Color
R_{YB}	213, 9, 33
Decimal	13961505
CIE Lab	44.87, 69.55, 46.21
CIE LCh	45, 83.498, 33.599
Yxy	14.4513, 0.6177, 0.3210
Android (android.graphics.Color)	4292151585 (0xFFD50921)
YUV	72.7320, -19.5879, 123.0150
Hunter-Lab	38.0149, 64.0503, 22.3062

Details

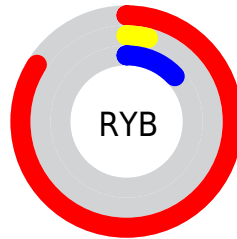
The Yxy color **14.4513, 0.6177, 0.3210** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **51.3213, 0.2351, 0.3644**, and the grayscale version is **6.6505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1368, 0.5383, 0.3387**, and **6.3896, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.2130, 0.6272, 0.3229**, and if you desaturate by 10%, it is **15.3421, 0.5876, 0.3160**.

Distribution



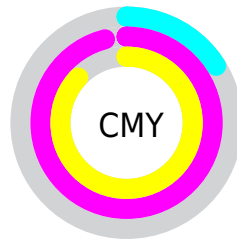
- Red (84%)
- Green (4%)
- Blue (13%)



- Red (84%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (96%)
- Yellow (85%)
- Black (16%)





- Cyan (16%)
- Magenta (96%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4513, 0.6177, 0.3210 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 14.4513, 0.6177, 0.3210 by changing the saturation by 10% instead.


 14.4513, 0.6177,
0.3210

 14.4513, 0.6177,
0.3210


 220.0206, 0.4454,
0.3455

 8.4352, 0.6607,
0.3042


 33.8877, 0.5531,
0.3372


 4.3747, 0.7206,
0.2794


 48.0768, 0.5290,
0.3409


 1.8853, 0.7704,
0.2296


 65.7590, 0.5090,
0.3431

 0.5395, 0.8512,
0.1488

 87.3187, 0.4921,
0.3444


 0.0000, 1.0000,
0.0000


 113.1403, 0.4777,
0.3451


 0.0000, 0.0000,
0.0000


 143.6082, 0.4654,


0.3455


 179.1069, 0.4547,
0.3455

 14.4513, 0.6177,
0.3210


 14.4513, 0.6177,
0.3210


 14.2130, 0.6272,
0.3229

 15.3421, 0.5876,
0.3160

 17.0288, 0.5472,
0.3129

 19.6457, 0.5026,
0.3121

 23.3017, 0.4593,
0.3131

 28.0904, 0.4206,
0.3153

■ 34.0950, 0.3877,
0.3182

■ 41.3908, 0.3607,
0.3213

■ 50.0472, 0.3388,
0.3244

■ 60.1285, 0.3212,
0.3274

Harmonies

Analogous

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



14.4513, 0.5293, 0.2434



14.4513, 0.6177, 0.3210



14.4513, 0.5827, 0.4122

Triad

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



14.4513, 0.6177, 0.3210



14.4513, 0.2117, 0.6093



14.4513, 0.1216, 0.1206

Complementary

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



14.4513, 0.6177, 0.3210



51.3213, 0.2351, 0.3644

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.



14.4513, 0.0851, 0.1414



14.4513, 0.6177, 0.3210



14.4513, 0.1179, 0.3903

Square

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



14.4513, 0.6177, 0.3210



14.4513, 0.3387, 0.6372



14.4513, 0.0815, 0.2160



14.4513, 0.2048, 0.1324

Rectangle

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



14.4513, 0.6177, 0.3210



14.4513, 0.5134, 0.4866



14.4513, 0.0815, 0.2160



14.4513, 0.1052, 0.1234

Sweetspot

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



14.4522, 0.6177, 0.3210



58.0318, 0.3698, 0.3201



15.4174, 0.2886, 0.1377



11.4239, 0.3816, 0.3188



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.



14.4522, 0.6177, 0.3210



21.3525, 0.6286, 0.3237



20.4894, 0.5703, 0.3813



12.4441, 0.3273, 0.3263



8.6914, 0.6249, 0.3216



0.5323, 0.5888, 0.3017

Inverse Universe

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



14.4522, 0.6177, 0.3210



21.3525, 0.6286, 0.3237



23.1120, 0.1920, 0.2089



12.4441, 0.3273, 0.3263



8.6914, 0.6249, 0.3216



0.5323, 0.5888, 0.3017

Previews

White Background



This preview shows how the Yxy color 14.4513, 0.6177, 0.3210 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 14.4513, 0.6177, 0.3210 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 14.4513, 0.6177, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 14.4513, 0.6177, 0.3210.



This preview shows how white text looks on a background with the Yxy color 14.4513, 0.6177, 0.3210.

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

14.4513, 0.6177, 0.3210

Protanopia

14.9041, 0.3999, 0.4378

Deuteranopia

14.7370, 0.4702, 0.4649



Tritanopia

14.4628, 0.6340, 0.3348

Trichromacy



Original Color

14.4513, 0.6177, 0.3210

Protanomaly

11.6043, 0.5057, 0.3680

Deuteranomaly

12.0533, 0.5582, 0.3857

Tritanomaly

14.3652, 0.6306, 0.3308

Monochromacy



Original Color

14.4513, 0.6177, 0.3210

Achromatopsia

6.6626, 0.3127, 0.3290

Achromatomaly

6.8718, 0.4670, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4513, 0.6177, 0.3210 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(213, 9, 33)` looks like.

```
.text, #text, p{  
    color:rgb(213, 9, 33)  
}
```

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(213, 9, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 9, 33) }
```

Border

The CSS property to change the border of an element to Yxy 14.4513, 0.6177, 0.3210 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(213, 9, 33) }
```

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

```
.border{ border-color:rgb(213, 9, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 9, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 9, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 9, 33);  
box-shadow:4px 4px 4px 4px rgb(213, 9, 33)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.4513, 0.6177, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 9, 33) }
```

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

```
.background{ background-color: rgb(213, 9,  
33) }
```

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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