

Converting Colors

$Yxy(14.9294, 0.6041, 0.3282)$

Have a look what the booklet for
Yxy(14.9294, 0.6041, 0.3282)
contains.

Yxy(14.9167, 0.6036, 0.3281)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.9167, 0.6036, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	D22124
RGB	210, 33, 36
RGB Percent	82%, 13%, 14%
CMY	0.1765, 0.8706, 0.8587
CMYK	0.00, 0.84, 0.83, 0.18
HSL	359°, 73%, 48%
HSV	359°, 84%, 82%
XYZ	27.4420, 14.9167, 3.1052
YIQ	86.2650, 104.5290, 38.4570

Conversions

Conversions Part 2

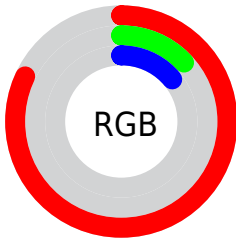
Format	Color
R_{YB}	210, 33, 36
Decimal	13771044
CIE Lab	45.52, 65.30, 44.96
CIE LCh	46, 79.280, 34.552
Yxy	14.9167, 0.6036, 0.3281
Android (android.graphics.Color)	4291961124 (0xFFD22124)
YUV	86.2650, -24.7806, 108.5156
Hunter-Lab	38.6221, 59.2400, 22.2686

Details

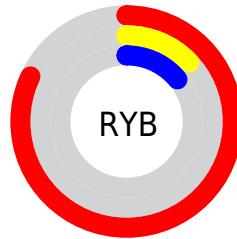
The Yxy color **14.9167, 0.6036, 0.3281** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **50.9215, 0.2285, 0.3331**, and the grayscale version is **9.4038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.6046, 0.5287, 0.3433**, and **6.1110, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.0008, 0.6297, 0.3290**, and if you desaturate by 10%, it is **16.6330, 0.5636, 0.3275**.

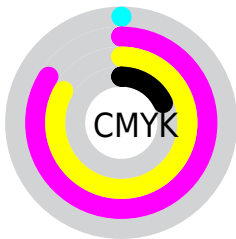
Distribution



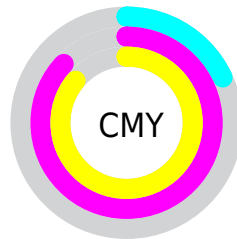
- Red (82%)
- Green (13%)
- Blue (14%)



- Red (82%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (84%)
- Yellow (83%)
- Black (18%)





- Cyan (18%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9167, 0.6036, 0.3281 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 14.9167, 0.6036, 0.3281 by changing the saturation by 10% instead.


 14.9167, 0.6036,
0.3281


 14.9167, 0.6036,
0.3281


222.8615, 0.4388,
0.3469


 8.7609, 0.6455,
0.3134


 34.7070, 0.5414,
0.3416


 4.5856, 0.7073,
0.2927

 49.1103, 0.5184,
0.3445

 2.0062, 0.7552,
0.2448

 67.0316, 0.4993,
0.3461

 0.6111, 0.8309,
0.1691

 88.8552, 0.4832,
0.3469

 0.0000, 1.0000,
0.0000


 114.9657, 0.4695,
0.3473


 0.0000, 0.0000,
0.0000


 145.7473, 0.4578,


0.3473


 181.5844, 0.4477,
0.3472


 14.9167, 0.6036,
0.3281

 14.9167, 0.6036,
0.3281

 14.0008, 0.6297,
0.3290


 16.6330, 0.5636,
0.3275

 13.7100, 0.6385,
0.3291

 19.2751, 0.5168,
0.3272

 22.9497, 0.4699,
0.3271

 27.7480, 0.4276,
0.3273

 33.7515, 0.3917,
0.3277

■ 41.0339, 0.3623,
0.3281

■ 49.6632, 0.3386,
0.3285

■ 59.7025, 0.3196,
0.3288

■ 71.2109, 0.3045,
0.3292

Harmonies

Analogous

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



14.9167, 0.5216, 0.2509



14.9167, 0.6036, 0.3281



14.9167, 0.5695, 0.4170

Triad

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



14.9167, 0.6036, 0.3281



14.9167, 0.2162, 0.5847



14.9167, 0.1306, 0.1281

Complementary

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



14.9167, 0.6036, 0.3281



50.9215, 0.2285, 0.3331

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.



14.9167, 0.0933, 0.1482



14.9167, 0.6036, 0.3281



14.9167, 0.1253, 0.3812

Square

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



14.9167, 0.6036, 0.3281



14.9167, 0.3389, 0.6226



14.9167, 0.0894, 0.2198



14.9167, 0.2138, 0.1406

Rectangle

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



14.9167, 0.6036, 0.3281



14.9167, 0.5083, 0.4917



14.9167, 0.0894, 0.2198



14.9167, 0.1140, 0.1308

Sweetspot

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



14.9176, 0.6036, 0.3281



62.4518, 0.3649, 0.3280



18.5932, 0.3136, 0.1572



12.4735, 0.3749, 0.3279



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.



14.9176, 0.6036, 0.3281



21.2696, 0.6389, 0.3293



26.2114, 0.5163, 0.4094



11.8115, 0.3288, 0.3286



8.3641, 0.6380, 0.3289



0.4688, 0.6314, 0.3252

Inverse Universe

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



14.9176, 0.6036, 0.3281



21.2696, 0.6389, 0.3293



20.2598, 0.1914, 0.1948



11.8115, 0.3288, 0.3286



8.3641, 0.6380, 0.3289



0.4688, 0.6314, 0.3252

Previews

White Background



This preview shows how the Yxy color 14.9167, 0.6036, 0.3281 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 14.9167, 0.6036, 0.3281 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 14.9167, 0.6036, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 14.9167, 0.6036, 0.3281.



This preview shows how white text looks on a background with the Yxy color 14.9167, 0.6036, 0.3281.

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

14.9167, 0.6036, 0.3281

Protanopia

15.2062, 0.3981, 0.4354

Deuteranopia

15.0563, 0.4637, 0.4575



Tritanopia

14.9500, 0.6069, 0.3310

Trichromacy



Original Color

14.9167, 0.6036, 0.3281

Protanomaly

12.8706, 0.4902, 0.3798

Deuteranomaly

13.4032, 0.5345, 0.3939

Tritanomaly

14.9555, 0.6059, 0.3304

Monochromacy



Original Color

14.9167, 0.6036, 0.3281

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.2570, 0.4390, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9167, 0.6036, 0.3281 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(210, 33, 36)` looks like.

```
.text, #text, p{  
    color:rgb(210, 33, 36)  
}
```

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(210, 33, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 33, 36) }
```

Border

The CSS property to change the border of an element to Yxy 14.9167, 0.6036, 0.3281 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(210, 33, 36) }
```

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

```
.border{ border-color:rgb(210, 33, 36) }
```

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

Here you see how a box with a 4 pixel rgb(210, 33, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 33, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 33, 36);  
box-shadow:4px 4px 4px 4px rgb(210, 33,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9167, 0.6036, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 33, 36) }
```

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

```
.background{ background-color: rgb(210, 33,  
36) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor