

Converting Colors

$Yxy(14.9147, 0.5648, 0.2967)$

Have a look what the booklet for
Yxy(14.9147, 0.5648, 0.2967)
contains.

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Color

Yxy(14.9631, 0.5645, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	D41545
RGB	212, 21, 69
RGB Percent	83%, 8%, 27%
CMY	0.1687, 0.9171, 0.7295
CMYK	0.00, 0.90, 0.67, 0.17
HSL	345°, 82%, 46%
HSV	345°, 90%, 83%
XYZ	28.4879, 14.9631, 7.0147
YIQ	83.5810, 98.4280, 55.4200

Conversions

Conversions Part 2

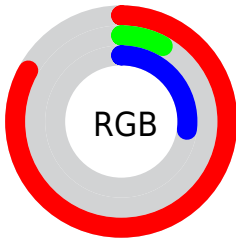
Format	Color
RYB	212, 21, 69
Decimal	13899077
CIELab	45.58, 69.17, 26.00
CIElCh	46, 73.893, 20.603
Yxy	14.9631, 0.5645, 0.2965
Android (android.graphics.Color)	4292089157 (0xFFD41545)
YUV	83.5810, -7.1884, 112.6235
Hunter-Lab	38.6822, 63.7646, 16.3257

Details

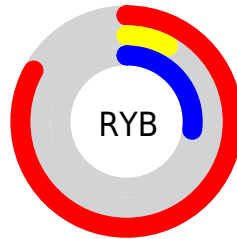
The Yxy color **14.9631, 0.5645, 0.2965** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **49.9196, 0.2471, 0.4036**, and the grayscale version is **8.7901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.5498, 0.4886, 0.3080**, and **6.4687, 0.6088, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **14.2516, 0.5949, 0.3051**, and if you desaturate by 10%, it is **16.3267, 0.5279, 0.2910**.

Distribution



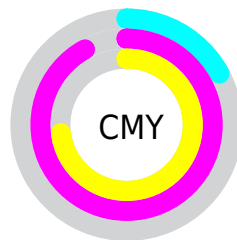
- Red (83%)
- Green (8%)
- Blue (27%)



- Red (83%)
- Yellow (8%)
- Blue (27%)



- Cyan (0%)
- Magenta (90%)
- Yellow (67%)
- Black (17%)





- Cyan (17%)
- Magenta (92%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9631, 0.5645, 0.2965 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 14.9631, 0.5645, 0.2965 by changing the saturation by 10% instead.


 14.9631, 0.5645,
0.2965


 14.9631, 0.5645,
0.2965


223.1428, 0.4173,
0.3246


 8.7935, 0.6072,
0.2835


 34.7884, 0.5061,
0.3107


 4.6067, 0.6637,
0.2623

 49.2129, 0.4855,
0.3147


 2.0184, 0.7599,
0.2331

 67.1579, 0.4688,
0.3177

 0.6181, 0.8400,
0.1600

 89.0076, 0.4549,
0.3198

 0.0000, 1.0000,
0.0000

 115.1466, 0.4432,
0.3215

 0.0000, 0.0000,
0.0000

 145.9592, 0.4333,

0.3228

181.8298, 0.4247,
0.3238

■ 14.9631, 0.5645,
0.2965

■ 14.9631, 0.5645,
0.2965

■ 14.2516, 0.5949,
0.3051

■ 16.3267, 0.5279,
0.2910

■ 18.5420, 0.4888,
0.2897

■ 21.7233, 0.4509,
0.2919

■ 25.9661, 0.4167,
0.2965

■ 31.3546, 0.3873,
0.3026

■ 37.9643, 0.3627,
0.3094

■ 45.8643, 0.3425,
0.3162

■ 55.1185, 0.3261,
0.3228

■ 65.7865, 0.3128,
0.3290

Harmonies

Analogous

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



14.9631, 0.4401, 0.2236



14.9631, 0.5645, 0.2965



14.9631, 0.5830, 0.3765

Triad

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



14.9631, 0.5645, 0.2965



14.9631, 0.2787, 0.6064



14.9631, 0.1172, 0.1418

Complementary

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



14.9631, 0.5645, 0.2965



49.9196, 0.2471, 0.4036

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.



14.9631, 0.0966, 0.1821



14.9631, 0.5645, 0.2965



14.9631, 0.1710, 0.4715

Square

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



14.9631, 0.5645, 0.2965



14.9631, 0.4006, 0.5742



14.9631, 0.1103, 0.2870



14.9631, 0.1757, 0.1396

Rectangle

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



14.9631, 0.5645, 0.2965



14.9631, 0.5433, 0.4384



14.9631, 0.1103, 0.2870



14.9631, 0.1067, 0.1502

Sweetspot

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



14.9640, 0.5645, 0.2965



60.7726, 0.3568, 0.3113



12.8793, 0.2606, 0.1249



12.1802, 0.3643, 0.3089



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.



14.9640, 0.5645, 0.2965



21.6295, 0.5973, 0.3064



17.9052, 0.5872, 0.3599



12.4714, 0.3252, 0.3232



8.8143, 0.5914, 0.3032



0.5450, 0.5415, 0.2757

Inverse Universe

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



14.9640, 0.5645, 0.2965



21.6295, 0.5973, 0.3064



32.7139, 0.2071, 0.2596



12.4714, 0.3252, 0.3232



8.8143, 0.5914, 0.3032



0.5450, 0.5415, 0.2757

Previews

White Background



This preview shows how the Yxy color 14.9631, 0.5645, 0.2965 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 14.9631, 0.5645, 0.2965 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 14.9631, 0.5645, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 14.9631, 0.5645, 0.2965.



This preview shows how white text looks on a background with the Yxy color 14.9631, 0.5645, 0.2965.

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

14.9631, 0.5645, 0.2965

Protanopia

15.3681, 0.3298, 0.3477

Deuteranopia

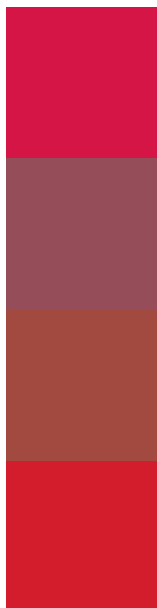
15.2847, 0.4194, 0.4117



Tritanopia

15.0355, 0.6087, 0.3309

Trichromacy



Original Color

14.9631, 0.5645, 0.2965

Protanomaly

12.4186, 0.4189, 0.3087

Deuteranomaly

12.9378, 0.4876, 0.3457

Tritanomaly

14.9171, 0.5962, 0.3202

Monochromacy



Original Color

14.9631, 0.5645, 0.2965

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.7273, 0.4204, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9631, 0.5645, 0.2965 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(212, 21, 69)` looks like.

```
.text, #text, p{  
    color:rgb(212, 21, 69)  
}
```

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(212, 21, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 21, 69) }
```

Border

The CSS property to change the border of an element to Yxy 14.9631, 0.5645, 0.2965 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(212, 21, 69) }
```

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

```
.border{ border-color:rgb(212, 21, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 21, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 21, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 21, 69);  
box-shadow:4px 4px 4px 4px rgb(212, 21,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9631, 0.5645, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 21, 69) }
```

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

```
.background{ background-color: rgb(212, 21,  
69) }
```

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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