

Converting Colors

$Y_{xy}(13.9969, 0.5180, 0.2627)$

Have a look what the booklet for
Yxy(13.9969, 0.5180, 0.2627)
contains.

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Color

Yxy(14.0557, 0.5191, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	CF005D
RGB	207, 0, 93
RGB Percent	81%, 0%, 36%
CMY	0.1884, 0.9989, 0.6353
CMYK	0.00, 1.00, 0.55, 0.19
HSL	333°, 100%, 41%
HSV	333°, 100%, 81%
XYZ	27.7005, 14.0557, 11.6064
YIQ	72.4950, 93.5190, 72.8070

Conversions

Conversions Part 2

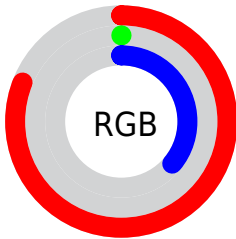
Format	Color
R_{YB}	207, 0, 93
Decimal	13566045
CIE _{Lab}	44.31, 71.53, 9.16
CIE _{LCh}	44, 72.118, 7.296
Yxy	14.0557, 0.5191, 0.2634
Android (android.graphics.Color)	4291756125 (0xFFCF005D)
YUV	72.4950, 10.1090, 117.9609
Hunter-Lab	37.4909, 66.2772, 7.8888

Details

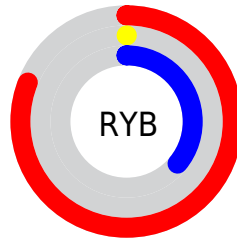
The Yxy color **14.0557, 0.5191, 0.2634** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **45.8315, 0.2678, 0.4840**, and the grayscale version is **6.5675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.2226, 0.4554, 0.2770**, and **6.2331, 0.5601, 0.2859** is the 20% darker color. If you saturate the color by 10%, you get **14.0479, 0.5194, 0.2635**, and if you desaturate by 10%, it is **14.8034, 0.4926, 0.2558**.

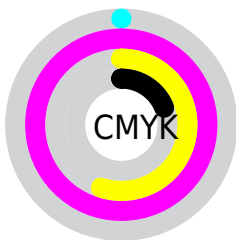
Distribution



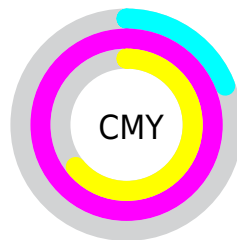
- Red (81%)
- Green (0%)
- Blue (36%)



- Red (81%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0557, 0.5191, 0.2634 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 14.0557, 0.5191, 0.2634 by changing the saturation by 10% instead.


 14.0557, 0.5191,
0.2634


 14.0557, 0.5191,
0.2634


217.5771, 0.3969,
0.3050

 8.1594, 0.5568,
0.2491


 33.1878, 0.4695,
0.2812


 4.1971, 0.6096,
0.2280

 47.1925, 0.4525,
0.2870

 1.7844, 0.6862,
0.1948

 64.6687, 0.4387,
0.2916

 0.4774, 0.8651,
0.1349

 86.0008, 0.4274,
0.2953

 0.0000, 1.0000,
0.0000

 111.5734, 0.4179,
0.2984

 0.0000, 0.0000,
0.0000

 141.7706, 0.4098,

0.3009

176.9771, 0.4029,
0.3031

■ 14.0557, 0.5191,
0.2634

■ 14.0557, 0.5191,
0.2634

■ 14.0479, 0.5194,
0.2635

■ 14.8034, 0.4926,
0.2558

■ 16.1496, 0.4649,
0.2529

■ 18.2837, 0.4371,
0.2553

■ 21.3098, 0.4110,
0.2618

■ 25.3160, 0.3874,
0.2712

■ 30.3795, 0.3669,
0.2824

■ 36.5697, 0.3494,
0.2944

■ 43.9502, 0.3348,
0.3064

■ 52.5798, 0.3226,
0.3181

Harmonies

Analogous

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



14.0557, 0.3691, 0.1960



14.0557, 0.5191, 0.2634



14.0557, 0.5878, 0.3400

Triad

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



14.0557, 0.5191, 0.2634



14.0557, 0.3326, 0.6078



14.0557, 0.1045, 0.1544

Complementary

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



14.0557, 0.5191, 0.2634



45.8315, 0.2678, 0.4840

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.



14.0557, 0.0985, 0.2189



14.0557, 0.5191, 0.2634



14.0557, 0.2152, 0.5497

Square

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



14.0557, 0.5191, 0.2634



14.0557, 0.4545, 0.5326



14.0557, 0.1309, 0.3617



14.0557, 0.1446, 0.1372

Rectangle

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



14.0557, 0.5191, 0.2634



14.0557, 0.5726, 0.3962



14.0557, 0.1309, 0.3617



14.0557, 0.0988, 0.1693

Sweetspot

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



14.0566, 0.5191, 0.2634



58.0949, 0.3502, 0.2938



8.0836, 0.2118, 0.0941



11.4880, 0.3574, 0.2887



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.



14.0566, 0.5191, 0.2634



22.4837, 0.5223, 0.2651



13.4915, 0.6367, 0.3325



11.8951, 0.3221, 0.3186



8.8726, 0.5161, 0.2617



0.5120, 0.4712, 0.2370

Inverse Universe

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



14.0566, 0.5191, 0.2634



22.4837, 0.5223, 0.2651



44.2703, 0.2204, 0.3132



11.8951, 0.3221, 0.3186



8.8726, 0.5161, 0.2617



0.5120, 0.4712, 0.2370

Previews

White Background



This preview shows how the Yxy color 14.0557, 0.5191, 0.2634 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 14.0557, 0.5191, 0.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

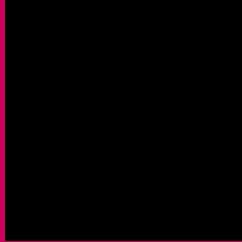
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.0557, 0.5191, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 14.0557, 0.5191, 0.2634.



This preview shows how white text looks on a background with the Yxy color 14.0557, 0.5191, 0.2634.

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

14.0557, 0.5191, 0.2634

Protanopia

14.7667, 0.2710, 0.2707

Deuteranopia

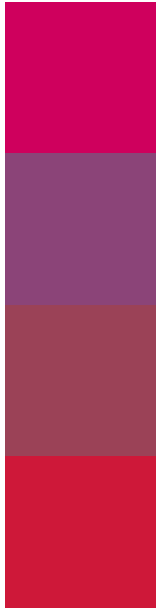
14.7006, 0.3723, 0.3671



Tritanopia

14.4296, 0.5991, 0.3305

Trichromacy



Original Color

14.0557, 0.5191, 0.2634

Protanomaly

10.9793, 0.3492, 0.2380

Deuteranomaly

11.5531, 0.4398, 0.2956

Tritanomaly

14.0705, 0.5793, 0.3074

Monochromacy



Original Color

14.0557, 0.5191, 0.2634

Achromatopsia

6.6626, 0.3127, 0.3290

Achromatomaly

6.7498, 0.4101, 0.2639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0557, 0.5191, 0.2634 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(207, 0, 93)` looks like.

```
.text, #text, p{  
  color:rgb(207, 0, 93)  
}
```

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(207, 0, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 93) }
```

Border

The CSS property to change the border of an element to Yxy 14.0557, 0.5191, 0.2634 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(207, 0, 93) }
```

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

```
.border{ border-color:rgb(207, 0, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 0, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 93);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 93)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.0557, 0.5191, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 93) }
```

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

```
.background{ background-color: rgb(207, 0,  
93) }
```

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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