

Converting Colors

$Yxy(14.5303, 0.5348, 0.2860)$

Have a look what the booklet for
Yxy(14.5303, 0.5348, 0.2860)
contains.

Yxy(14.5018, 0.5342, 0.2856)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.5018, 0.5342, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	CD1E51
RGB	205, 30, 81
RGB Percent	80%, 12%, 32%
CMY	0.1961, 0.8822, 0.6824
CMYK	0.00, 0.85, 0.60, 0.20
HSL	343°, 74%, 46%
HSV	343°, 85%, 80%
XYZ	27.1249, 14.5018, 9.1499
YIQ	88.1390, 87.9290, 52.9610

Conversions

Conversions Part 2

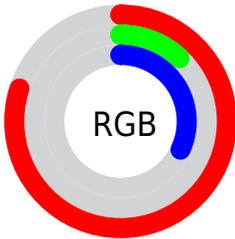
Format	Color
R_{YB}	205, 30, 81
Decimal	13442641
CIE Lab	44.94, 66.50, 17.47
CIE LCh	45, 68.757, 14.722
Yxy	14.5018, 0.5342, 0.2856
Android (android.graphics.Color)	4291632721 (0xFFCD1E51)
YUV	88.1390, -3.5195, 102.4871
Hunter-Lab	38.0812, 60.5016, 12.4110

Details

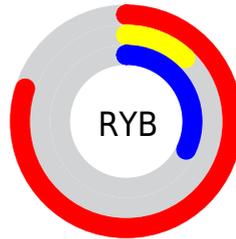
The Yxy color **14.5018, 0.5342, 0.2856** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **46.2719, 0.2507, 0.4112**, and the grayscale version is **9.7882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4211, 0.4694, 0.2977**, and **5.9732, 0.5853, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **13.5842, 0.5673, 0.2933**, and if you desaturate by 10%, it is **16.1414, 0.4976, 0.2825**.

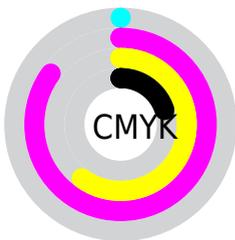
Distribution



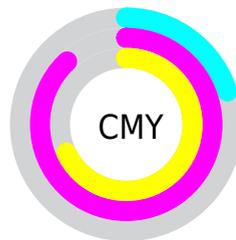
- Red (80%)
- Green (12%)
- Blue (32%)



- Red (80%)
- Yellow (12%)
- Blue (32%)



- Cyan (0%)
- Magenta (85%)
- Yellow (60%)
- Black (20%)



- Cyan (20%)
- Magenta (88%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.5018, 0.5342, 0.2856 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 14.5018, 0.5342, 0.2856 by changing the saturation by 10% instead.

 14.5018, 0.5342,
0.2856

 14.5018, 0.5342,
0.2856

220.3306, 0.4032,
0.3168

 8.4705, 0.5740,
0.2731

 33.9768, 0.4813,
0.3000

 4.3975, 0.6289,
0.2535

 48.1893, 0.4630,
0.3044

 1.8983, 0.7102,
0.2220

 65.8976, 0.4482,
0.3078

 0.5473, 0.8426,
0.1574

 87.4861, 0.4360,
0.3104

 0.0000, 1.0000,
0.0000

 113.3393, 0.4258,
0.3125

 0.0000, 0.0000,
0.0000

 143.8415, 0.4171,

0.3142

179.3771, 0.4097,
0.3156

■ 14.5018, 0.5342,
0.2856

■ 14.5018, 0.5342,
0.2856

■ 13.5842, 0.5673,
0.2933

■ 16.1414, 0.4976,
0.2825

■ 13.3014, 0.5811,
0.2975

■ 18.6162, 0.4609,
0.2837

■ 22.0223, 0.4269,
0.2881

■ 26.4416, 0.3970,
0.2945

■ 31.9473, 0.3716,
0.3021

■ 38.6054, 0.3505,
0.3100

■ 46.4769, 0.3332,
0.3178

■ 55.6184, 0.3191,
0.3252

■ 66.0829, 0.3077,
0.3322

Harmonies

Analogous

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



14.5018, 0.4040, 0.2163



14.5018, 0.5342, 0.2856



14.5018, 0.5752, 0.3628

Triad

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



14.5018, 0.5342, 0.2856



14.5018, 0.3067, 0.5942



14.5018, 0.1181, 0.1540

Complementary

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



14.5018, 0.5342, 0.2856



46.2719, 0.2507, 0.4112

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.



14.5018, 0.1045, 0.2039



14.5018, 0.5342, 0.2856



14.5018, 0.1971, 0.4965

Square

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



14.5018, 0.5342, 0.2856



14.5018, 0.4234, 0.5476



14.5018, 0.1268, 0.3202



14.5018, 0.1673, 0.1451

Rectangle

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



14.5018, 0.5342, 0.2856



14.5018, 0.5487, 0.4201



14.5018, 0.1268, 0.3202



14.5018, 0.1100, 0.1651

Sweetspot

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



14.5027, 0.5342, 0.2856



62.0805, 0.3524, 0.3092



12.0625, 0.2572, 0.1265



12.4360, 0.3595, 0.3064



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.



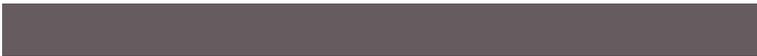
14.5027, 0.5342, 0.2856



21.7578, 0.5842, 0.2992



16.8563, 0.5784, 0.3571



11.2665, 0.3245, 0.3223



8.2956, 0.5774, 0.2954



0.4413, 0.5204, 0.2641

Inverse Universe

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



14.5027, 0.5342, 0.2856



21.7578, 0.5842, 0.2992



33.4350, 0.2122, 0.2736



11.2665, 0.3245, 0.3223



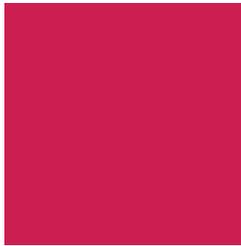
8.2956, 0.5774, 0.2954



0.4413, 0.5204, 0.2641

Previews

White Background



This preview shows how the Yxy color 14.5018, 0.5342, 0.2856 looks on a white background.

Color Contrast Check

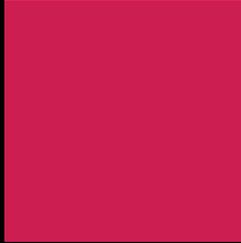
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5018, 0.5342, 0.2856 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 14.5018, 0.5342, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 14.5018, 0.5342, 0.2856.



This preview shows how white text looks on a background with the Yxy color 14.5018, 0.5342, 0.2856.

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

14.5018, 0.5342, 0.2856

Protanopia

14.8561, 0.3039, 0.3144

Deuteranopia

14.8487, 0.3941, 0.3874



Tritanopia

14.5904, 0.5890, 0.3291

Trichromacy



Original Color

14.5018, 0.5342, 0.2856

Protanomaly

12.3909, 0.3842, 0.2881

Deuteranomaly

12.8588, 0.4558, 0.3294

Tritanomaly

14.4460, 0.5729, 0.3149

Monochromacy



Original Color

14.5018, 0.5342, 0.2856

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.4955, 0.4034, 0.2945

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5018, 0.5342, 0.2856 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(205, 30, 81)` looks like.

```
.text, #text, p{  
    color:rgb(205, 30, 81)  
}
```

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(205, 30, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 30, 81) }
```

Border

The CSS property to change the border of an element to Yxy 14.5018, 0.5342, 0.2856 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(205, 30, 81) }
```

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

```
.border{ border-color:rgb(205, 30, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 30, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 30, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 30, 81);  
box-shadow:4px 4px 4px 4px rgb(205, 30,  
81) }
```

Background

The CSS property to change the background color of an element to Yxy 14.5018, 0.5342, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 30, 81) }
```

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

```
.background{ background-color: rgb(205, 30,  
81) }
```

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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