

Converting Colors

$Yxy(14.8779, 0.5544, 0.2828)$

Have a look what the booklet for
Yxy(14.8779, 0.5544, 0.2828)
contains.

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Color

Yxy(14.8462, 0.5545, 0.2828)

Conversions

Conversions Part 1

Format	Color
Hex	D6004E
RGB	214, 0, 78
RGB Percent	84%, 0%, 31%
CMY	0.1607, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.64, 0.16
HSL	338°, 100%, 42%
HSV	338°, 100%, 84%
XYZ	29.1097, 14.8462, 8.5413
YIQ	72.8780, 102.5060, 69.6260

Conversions

Conversions Part 2

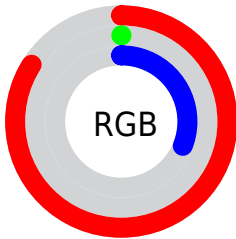
Format	Color
RYB	214, 0, 78
Decimal	14024782
CIELab	45.42, 72.28, 20.29
CIElCh	45, 75.070, 15.678
Yxy	14.8462, 0.5545, 0.2828
Android (android.graphics.Color)	4292214862 (0xFFD6004E)
YUV	72.8780, 2.5251, 123.7640
Hunter-Lab	38.5308, 67.4265, 13.8285

Details

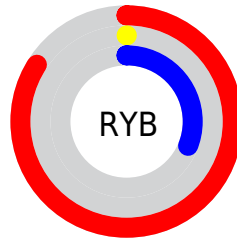
The Yxy color **14.8462, 0.5545, 0.2828** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **49.8766, 0.2595, 0.4543**, and the grayscale version is **6.6231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.9371, 0.4775, 0.2939**, and **6.7007, 0.5949, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **14.8481, 0.5545, 0.2828**, and if you desaturate by 10%, it is **15.6150, 0.5249, 0.2739**.

Distribution



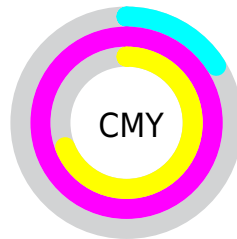
- Red (84%)
- Green (0%)
- Blue (31%)



- Red (84%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8462, 0.5545, 0.2828 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 14.8462, 0.5545, 0.2828 by changing the saturation by 10% instead.


 14.8462, 0.5545,
0.2828


 14.8462, 0.5545,
0.2828


222.4334, 0.4126,
0.3168


 8.7115, 0.5965,
0.2691


 34.5831, 0.4978,
0.2986


 4.5535, 0.6531,
0.2479

 48.9542, 0.4780,
0.3034


 1.9877, 0.7373,
0.2150

 66.8395, 0.4619,
0.3071

 0.6003, 0.8496,
0.1504

 88.6234, 0.4486,
0.3099

 0.0000, 1.0000,
0.0000

 114.6904, 0.4374,
0.3122

 0.0000, 0.0000,
0.0000

 145.4248, 0.4279,

0.3140

181.2110, 0.4197,
0.3155

■ 14.8462, 0.5545,
0.2828

■ 14.8462, 0.5545,
0.2828

■ 14.8481, 0.5545,
0.2828

■ 15.6150, 0.5249,
0.2739

■ 17.0356, 0.4925,
0.2693

■ 19.3151, 0.4595,
0.2698

■ 22.5678, 0.4282,
0.2743

■ 26.8902, 0.4000,
0.2817

■ 32.3671, 0.3757,
0.2908

■ 39.0747, 0.3552,
0.3006

■ 47.0827, 0.3382,
0.3104

■ 56.4552, 0.3242,
0.3200

Harmonies

Analogous

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



14.8462, 0.4156, 0.2111



14.8462, 0.5545, 0.2828



14.8462, 0.5912, 0.3617

Triad

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



14.8462, 0.5545, 0.2828



14.8462, 0.2969, 0.6167



14.8462, 0.1093, 0.1431

Complementary

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



14.8462, 0.5545, 0.2828



49.8766, 0.2595, 0.4543

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.



14.8462, 0.0939, 0.1917



14.8462, 0.5545, 0.2828



14.8462, 0.1838, 0.5068

Square

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



14.8462, 0.5545, 0.2828



14.8462, 0.4212, 0.5628



14.8462, 0.1139, 0.3118



14.8462, 0.1609, 0.1356

Rectangle

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



14.8462, 0.5545, 0.2828



14.8462, 0.5585, 0.4218



14.8462, 0.1139, 0.3118



14.8462, 0.1006, 0.1536

Sweetspot

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



14.8481, 0.5545, 0.2828



57.7751, 0.3557, 0.3003



10.0515, 0.2298, 0.1040



11.4131, 0.3641, 0.2961



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.



14.8481, 0.5545, 0.2828



22.0495, 0.5570, 0.2842



15.1540, 0.6292, 0.3386



12.4949, 0.3234, 0.3205



8.9920, 0.5506, 0.2807



0.5580, 0.5030, 0.2544

Inverse Universe

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



14.8481, 0.5545, 0.2828



22.0495, 0.5570, 0.2842



39.7534, 0.2127, 0.2858



12.4949, 0.3234, 0.3205



8.9920, 0.5506, 0.2807



0.5580, 0.5030, 0.2544

Previews

White Background



This preview shows how the Yxy color 14.8462, 0.5545, 0.2828 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 14.8462, 0.5545, 0.2828 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 14.8462, 0.5545, 0.2828

Background



This preview shows how black text looks on a background with the Yxy color 14.8462, 0.5545, 0.2828.



This preview shows how white text looks on a background with the Yxy color 14.8462, 0.5545, 0.2828.

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

14.8462, 0.5545, 0.2828

Protanopia

15.4672, 0.3078, 0.3188

Deuteranopia

15.4384, 0.4025, 0.3972



Tritanopia

15.0657, 0.6120, 0.3309

Trichromacy



Original Color

14.8462, 0.5545, 0.2828



Protanomaly

11.4917, 0.3990, 0.2747



Deuteranomaly

12.1636, 0.4787, 0.3221



Tritanomaly

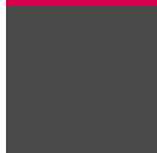
14.8517, 0.5985, 0.3152

Monochromacy



Original Color

14.8462, 0.5545, 0.2828



Achromatopsia

6.6626, 0.3127, 0.3290



Achromatomaly

6.7471, 0.4273, 0.2731

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8462, 0.5545, 0.2828 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(214, 0, 78)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 78)  
}
```

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(214, 0, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 78) }
```

Border

The CSS property to change the border of an element to Yxy 14.8462, 0.5545, 0.2828 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(214, 0, 78) }
```

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

```
.border{ border-color:rgb(214, 0, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 0, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 78);  
box-shadow:4px 4px 4px 4px rgb(214, 0, 78)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.8462, 0.5545, 0.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 78) }
```

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

```
.background{ background-color: rgb(214, 0,  
78) }
```

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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