

Converting Colors

$Y_{xy}(14.9827, 0.6235, 0.3239)$

Have a look what the booklet for
Yxy(14.9827, 0.6235, 0.3239)
contains.

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Color

Yxy(15.0262, 0.6237, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	D9091B
RGB	217, 9, 27
RGB Percent	85%, 4%, 11%
CMY	0.1491, 0.9641, 0.8940
CMYK	0.00, 0.96, 0.88, 0.15
HSL	355°, 92%, 44%
HSV	355°, 96%, 85%
XYZ	28.9076, 15.0262, 2.4148
YIQ	73.2440, 118.1900, 49.6940

Conversions

Conversions Part 2

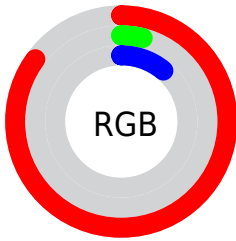
Format	Color
RYB	217, 9, 27
Decimal	14223643
CIELab	45.67, 70.43, 50.14
CIELCh	46, 86.453, 35.446
Yxy	15.0262, 0.6237, 0.3242
Android (android.graphics.Color)	4292413723 (0xFFD9091B)
YUV	73.2440, -22.7983, 126.0740
Hunter-Lab	38.7636, 65.2782, 23.4411

Details

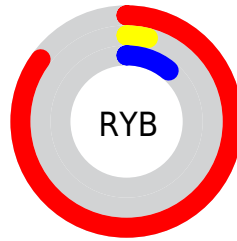
The Yxy color **15.0262, 0.6237, 0.3242** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **53.8055, 0.2324, 0.3547**, and the grayscale version is **6.7487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.0667, 0.5436, 0.3425**, and **6.6754, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.7951, 0.6318, 0.3254**, and if you desaturate by 10%, it is **15.9255, 0.5955, 0.3203**.

Distribution



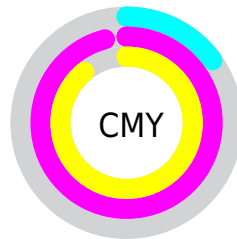
- Red (85%)
- Green (4%)
- Blue (11%)



- Red (85%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (96%)
- Yellow (88%)
- Black (15%)




- Cyan (15%)
- Magenta (96%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0262, 0.6237, 0.3242 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 15.0262, 0.6237, 0.3242 by changing the saturation by 10% instead.


 15.0262, 0.6237,
0.3242


 15.0262, 0.6237,
0.3242


223.5247, 0.4506,
0.3488


 8.8378, 0.6654,
0.3070


 34.8991, 0.5600,
0.3409


 4.6355, 0.7194,
0.2806

 49.3524, 0.5359,
0.3447

 2.0350, 0.7680,
0.2320

 67.3295, 0.5156,
0.3469

 0.6277, 0.8419,
0.1581

 89.2147, 0.4985,
0.3482


 0.0000, 1.0000,
0.0000

 115.3924, 0.4838,
0.3488

 0.0000, 0.0000,
0.0000


 146.2471, 0.4712,


0.3490

 182.1630, 0.4602,
0.3490


 15.0262, 0.6237,
0.3242


 15.0262, 0.6237,
0.3242


 14.7951, 0.6318,
0.3254

 15.9255, 0.5955,
0.3203

 17.6560, 0.5555,
0.3178

 20.3602, 0.5101,
0.3169

 24.1530, 0.4654,
0.3174

 29.1336, 0.4251,
0.3190

■ 35.3897, 0.3908,
0.3210

■ 43.0010, 0.3627,
0.3233

■ 52.0406, 0.3399,
0.3256

■ 62.5762, 0.3216,
0.3278

Harmonies

Analogous

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



15.0262, 0.5430, 0.2463



15.0262, 0.6237, 0.3242



15.0262, 0.5815, 0.4183

Triad

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



15.0262, 0.6237, 0.3242



15.0262, 0.2014, 0.6068



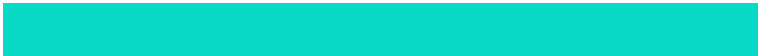
15.0262, 0.1226, 0.1178

Complementary

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



15.0262, 0.6237, 0.3242



53.8055, 0.2324, 0.3547

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.



15.0262, 0.0837, 0.1361



15.0262, 0.6237, 0.3242



15.0262, 0.1107, 0.3767

Square

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



15.0262, 0.6237, 0.3242



15.0262, 0.3283, 0.6467



15.0262, 0.0779, 0.2063



15.0262, 0.2101, 0.1316

Rectangle

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



15.0262, 0.6237, 0.3242



15.0262, 0.5064, 0.4936



15.0262, 0.0779, 0.2063



15.0262, 0.1054, 0.1199

Sweetspot

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



15.0272, 0.6237, 0.3242



57.9334, 0.3718, 0.3225



16.9703, 0.2967, 0.1421



11.4013, 0.3841, 0.3215



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.



15.0272, 0.6237, 0.3242



21.3176, 0.6329, 0.3260



22.4731, 0.5618, 0.3883



13.0696, 0.3278, 0.3270



8.9641, 0.6300, 0.3244



0.5872, 0.6029, 0.3095

Inverse Universe

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



15.0272, 0.6237, 0.3242



21.3176, 0.6329, 0.3260



22.0771, 0.1888, 0.1971



13.0696, 0.3278, 0.3270



8.9641, 0.6300, 0.3244



0.5872, 0.6029, 0.3095

Previews

White Background



This preview shows how the Yxy color 15.0262, 0.6237, 0.3242 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 15.0262, 0.6237, 0.3242 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 15.0262, 0.6237, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 15.0262, 0.6237, 0.3242.



This preview shows how white text looks on a background with the Yxy color 15.0262, 0.6237, 0.3242.

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

15.0262, 0.6237, 0.3242

Protanopia

15.4947, 0.4086, 0.4485

Deuteranopia

15.3896, 0.4707, 0.4644



Tritanopia

15.0992, 0.6338, 0.3350

Trichromacy



Original Color

15.0262, 0.6237, 0.3242

Protanomaly

12.0864, 0.5174, 0.3751

Deuteranomaly

12.6177, 0.5583, 0.3875

Tritanomaly

14.9914, 0.6315, 0.3315

Monochromacy



Original Color

15.0262, 0.6237, 0.3242

Achromatopsia

6.6626, 0.3127, 0.3290

Achromatomaly

6.9267, 0.4736, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0262, 0.6237, 0.3242 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(217, 9, 27)` looks like.

```
.text, #text, p{  
    color:rgb(217, 9, 27)  
}
```

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(217, 9, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 9, 27) }
```

Border

The CSS property to change the border of an element to Yxy 15.0262, 0.6237, 0.3242 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(217, 9, 27) }
```

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

```
.border{ border-color:rgb(217, 9, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 9, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 9, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 9, 27);  
box-shadow:4px 4px 4px 4px rgb(217, 9, 27)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.0262, 0.6237, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 9, 27) }
```

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

```
.background{ background-color: rgb(217, 9,  
27) }
```

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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