

Converting Colors

$Yxy(15.1845, 0.6140, 0.3216)$

Have a look what the booklet for
Yxy(15.1845, 0.6140, 0.3216)
contains.

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Color

Yxy(15.2497, 0.6137, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	D91024
RGB	217, 16, 36
RGB Percent	85%, 6%, 14%
CMY	0.1490, 0.9371, 0.8587
CMYK	0.00, 0.93, 0.83, 0.15
HSL	354°, 86%, 46%
HSV	354°, 93%, 85%
XYZ	29.1187, 15.2497, 3.0794
YIQ	78.3790, 113.3760, 48.8320

Conversions

Conversions Part 2

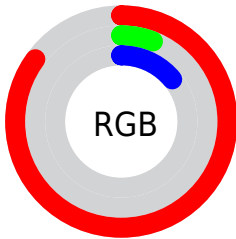
Format	Color
RYB	217, 16, 36
Decimal	14225444
CIELab	45.97, 69.93, 45.92
CIElCh	46, 83.662, 33.288
Yxy	15.2497, 0.6137, 0.3214
Android (android.graphics.Color)	4292415524 (0xFFD91024)
YUV	78.3790, -20.8928, 121.5706
Hunter-Lab	39.0509, 64.7613, 22.6603

Details

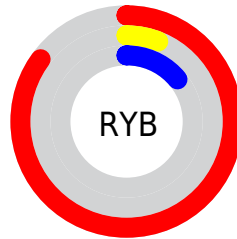
The Yxy color **15.2497, 0.6137, 0.3214** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **53.7669, 0.2337, 0.3579**, and the grayscale version is **7.7240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5235, 0.5334, 0.3380**, and **6.6754, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.8075, 0.6300, 0.3244**, and if you desaturate by 10%, it is **16.4025, 0.5806, 0.3174**.

Distribution



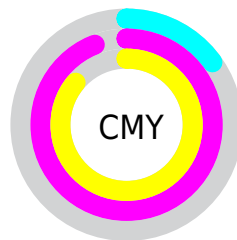
- Red (85%)
- Green (6%)
- Blue (14%)



- Red (85%)
- Yellow (6%)
- Blue (14%)



- Cyan (0%)
- Magenta (93%)
- Yellow (83%)
- Black (15%)




- Cyan (15%)
- Magenta (94%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.2497, 0.6137, 0.3214 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 15.2497, 0.6137, 0.3214 by changing the saturation by 10% instead.


 15.2497, 0.6137,
0.3214


 15.2497, 0.6137,
0.3214


224.8727, 0.4444,
0.3449

 8.9948, 0.6560,
0.3055


 35.2906, 0.5503,
0.3368


 4.7378, 0.7170,
0.2830

 49.8455, 0.5267,
0.3404


 2.0943, 0.7650,
0.2350

 67.9358, 0.5070,
0.3425

 0.6614, 0.8369,
0.1631

 89.9459, 0.4904,
0.3438

 0.0000, 1.0000,
0.0000


 116.2602, 0.4763,
0.3445


 0.0000, 0.0000,
0.0000


 147.2632, 0.4642,


0.3449

 183.3392, 0.4536,
0.3450

 15.2497, 0.6137,
0.3214


 15.2497, 0.6137,
0.3214


 14.8075, 0.6300,
0.3244

 16.4025, 0.5806,
0.3174

 18.4347, 0.5382,
0.3152

 21.4776, 0.4928,
0.3149


 25.6403, 0.4498,
0.3160

 31.0174, 0.4120,
0.3181

 37.6937, 0.3802,
0.3206

 45.7462, 0.3543,
0.3233

 55.2461, 0.3333,
0.3259

 66.2595, 0.3165,
0.3284

Harmonies

Analogous

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



15.2497, 0.5245, 0.2440



15.2497, 0.6137, 0.3214



15.2497, 0.5802, 0.4112

Triad

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



15.2497, 0.6137, 0.3214



15.2497, 0.2150, 0.6055



15.2497, 0.1229, 0.1225

Complementary

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



15.2497, 0.6137, 0.3214



53.7669, 0.2337, 0.3579

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.



15.2497, 0.0868, 0.1440



15.2497, 0.6137, 0.3214



15.2497, 0.1210, 0.3920

Square

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



15.2497, 0.6137, 0.3214



15.2497, 0.3411, 0.6319



15.2497, 0.0838, 0.2191



15.2497, 0.2050, 0.1340

Rectangle

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



15.2497, 0.6137, 0.3214



15.2497, 0.5143, 0.4857



15.2497, 0.0838, 0.2191



15.2497, 0.1067, 0.1255

Sweetspot

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



15.2507, 0.6137, 0.3214



59.1233, 0.3683, 0.3218



17.2386, 0.2975, 0.1436



11.6267, 0.3802, 0.3206



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.



15.2507, 0.6137, 0.3214



21.3317, 0.6312, 0.3251



23.2326, 0.5543, 0.3911



13.0724, 0.3276, 0.3267



8.9711, 0.6279, 0.3233



0.5885, 0.5975, 0.3065

Inverse Universe

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



15.2507, 0.6137, 0.3214



21.3317, 0.6312, 0.3251



22.9027, 0.1906, 0.2019



13.0724, 0.3276, 0.3267



8.9711, 0.6279, 0.3233



0.5885, 0.5975, 0.3065

Previews

White Background



This preview shows how the Yxy color 15.2497, 0.6137, 0.3214 looks on a white background.

Color Contrast Check

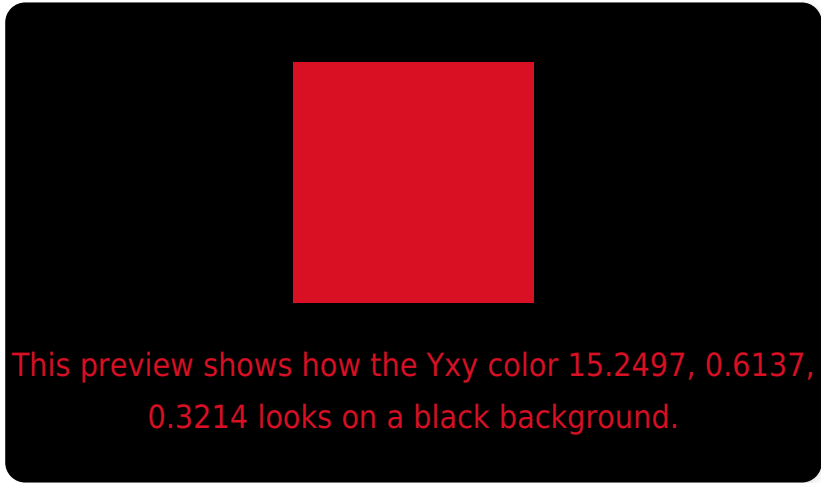
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.2497, 0.6137, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 15.2497, 0.6137, 0.3214.



This preview shows how white text looks on a background with the Yxy color 15.2497, 0.6137, 0.3214.

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

15.2497, 0.6137, 0.3214

Protanopia

15.5848, 0.3978, 0.4323

Deuteranopia

15.6187, 0.4648, 0.4605



Tritanopia

15.3122, 0.6292, 0.3329

Trichromacy



Original Color

15.2497, 0.6137, 0.3214

Protanomaly

12.5587, 0.5008, 0.3690

Deuteranomaly

13.0347, 0.5469, 0.3863

Tritanomaly

15.2680, 0.6255, 0.3296

Monochromacy



Original Color

15.2497, 0.6137, 0.3214

Achromatopsia

7.6185, 0.3127, 0.3290

Achromatomaly

7.7584, 0.4586, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2497, 0.6137, 0.3214 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, 16, 36)` looks like.

```
.text, #text, p{  
    color:rgb(217, 16, 36)  
}
```

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, 16, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 16, 36) }
```

Border

The CSS property to change the border of an element to Yxy 15.2497, 0.6137, 0.3214 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, 16, 36) }
```

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

```
.border{ border-color:rgb(217, 16, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 16, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 16, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 16, 36);  
box-shadow:4px 4px 4px 4px rgb(217, 16,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2497, 0.6137, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 16, 36) }
```

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

```
.background{ background-color: rgb(217, 16,  
36) }
```

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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