

Converting Colors

$Y_{xy}(17.1511, 0.6108, 0.3209)$

Have a look what the booklet for
Yxy(17.1511, 0.6108, 0.3209)
contains.

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Color

Yxy(17.1544, 0.6103, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	E41429
RGB	228, 20, 41
RGB Percent	89%, 8%, 16%
CMY	0.1059, 0.9214, 0.8391
CMYK	0.00, 0.91, 0.82, 0.11
HSL	354°, 84%, 49%
HSV	354°, 91%, 89%
XYZ	32.6452, 17.1544, 3.6908
YIQ	84.5860, 117.2270, 50.6270

Conversions

Conversions Part 2

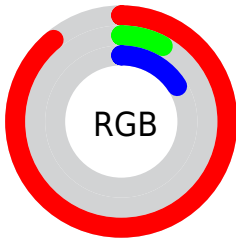
Format	Color
R_{YB}	228, 20, 41
Decimal	14947369
CIE _{Lab}	48.45, 72.34, 46.40
CIE _{LCh}	48, 85.941, 32.677
Yxy	17.1544, 0.6103, 0.3207
Android (android.graphics.Color)	4293137449 (0xFFE41429)
YUV	84.5860, -21.4879, 125.7741
Hunter-Lab	41.4179, 68.2110, 23.7090

Details

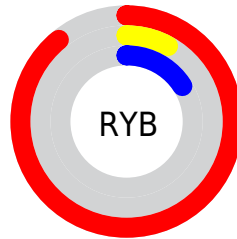
The Yxy color **17.1544, 0.6103, 0.3207** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **60.1398, 0.2339, 0.3580**, and the grayscale version is **9.0259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.3303, 0.5236, 0.3366**, and **7.7865, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **16.5555, 0.6302, 0.3245**, and if you desaturate by 10%, it is **18.5521, 0.5757, 0.3168**.

Distribution



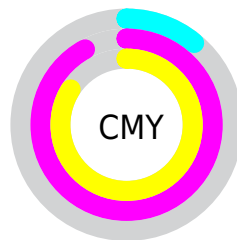
- Red (89%)
- Green (8%)
- Blue (16%)



- Red (89%)
- Yellow (8%)
- Blue (16%)



- Cyan (0%)
- Magenta (91%)
- Yellow (82%)
- Black (11%)



- Cyan (11%)
- Magenta (92%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1544, 0.6103, 0.3207 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 17.1544, 0.6103, 0.3207 by changing the saturation by 10% instead.


 17.1544, 0.6103,
0.3207


 17.1544, 0.6103,
0.3207


236.0606, 0.4453,
0.3438


 10.3446, 0.6510,
0.3059


 38.5911, 0.5491,
0.3354


 5.6281, 0.7063,
0.2843

 53.9867, 0.5262,
0.3389


 2.6203, 0.7576,
0.2424

 73.0132, 0.5069,
0.3411

 0.9369, 0.8201,
0.1799

 96.0548, 0.4907,
0.3425

 0.0000, 1.0000,
0.0000

 123.4959, 0.4768,
0.3432

 0.0000, 0.0000,
0.0000

 155.7210, 0.4649,

0.3437

193.1144, 0.4545,
0.3438

■ 17.1544, 0.6103,
0.3207

■ 17.1544, 0.6103,
0.3207

■ 16.5555, 0.6302,
0.3245

■ 18.5521, 0.5757,
0.3168

■ 20.9573, 0.5325,
0.3148

■ 24.5147, 0.4871,
0.3147

■ 29.3448, 0.4445,
0.3160

■ 35.5528, 0.4074,
0.3182

■ 43.2332, 0.3764,
0.3208

■ 52.4717, 0.3511,
0.3235

■ 63.3480, 0.3308,
0.3262

■ 75.9358, 0.3145,
0.3287

Harmonies

Analogous

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



17.1544, 0.5191, 0.2435



17.1544, 0.6103, 0.3207



17.1544, 0.5790, 0.4090

Triad

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



17.1544, 0.6103, 0.3207



17.1544, 0.2191, 0.6044



17.1544, 0.1232, 0.1241

Complementary

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



17.1544, 0.6103, 0.3207



60.1398, 0.2339, 0.3580

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.



17.1544, 0.0879, 0.1464



17.1544, 0.6103, 0.3207



17.1544, 0.1242, 0.3961

Square

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



17.1544, 0.6103, 0.3207



17.1544, 0.3444, 0.6270



17.1544, 0.0857, 0.2229



17.1544, 0.2039, 0.1349

Rectangle

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



17.1544, 0.6103, 0.3207



17.1544, 0.5163, 0.4837



17.1544, 0.0857, 0.2229



17.1544, 0.1073, 0.1274

Sweetspot

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



17.1555, 0.6103, 0.3207



60.2957, 0.3655, 0.3219



18.9030, 0.2939, 0.1422



12.0706, 0.3747, 0.3210



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.



17.1555, 0.6103, 0.3207



21.3334, 0.6309, 0.3249



25.6117, 0.5559, 0.3884



14.3915, 0.3277, 0.3267



9.5680, 0.6280, 0.3233



0.7151, 0.6004, 0.3081

Inverse Universe

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



17.1555, 0.6103, 0.3207



21.3334, 0.6309, 0.3249



27.0180, 0.1929, 0.2090



14.3915, 0.3277, 0.3267



9.5680, 0.6280, 0.3233



0.7151, 0.6004, 0.3081

Previews

White Background



This preview shows how the Yxy color 17.1544, 0.6103, 0.3207 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 17.1544, 0.6103, 0.3207 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 17.1544, 0.6103, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 17.1544, 0.6103, 0.3207.



This preview shows how white text looks on a background with the Yxy color 17.1544, 0.6103, 0.3207.

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

17.1544, 0.6103, 0.3207

Protanopia

17.4501, 0.3930, 0.4267

Deuteranopia

17.4090, 0.4634, 0.4547



Tritanopia

17.2329, 0.6256, 0.3322

Trichromacy



Original Color

17.1544, 0.6103, 0.3207

Protanomaly

14.0629, 0.4928, 0.3654

Deuteranomaly

14.6217, 0.5434, 0.3826

Tritanomaly

17.1814, 0.6218, 0.3288

Monochromacy



Original Color

17.1544, 0.6103, 0.3207

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0855, 0.4528, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1544, 0.6103, 0.3207 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(228, 20, 41)` looks like.

```
.text, #text, p{  
    color:rgb(228, 20, 41)  
}
```

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(228, 20, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 20, 41) }
```

Border

The CSS property to change the border of an element to Yxy 17.1544, 0.6103, 0.3207 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(228, 20, 41) }
```

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

```
.border{ border-color:rgb(228, 20, 41) }
```

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

Here you see how a box with a 4 pixel rgb(228, 20, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 20, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 20, 41);  
box-shadow:4px 4px 4px 4px rgb(228, 20,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1544, 0.6103, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 20, 41) }
```

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

```
.background{ background-color: rgb(228, 20,  
41) }
```

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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awesome pro features!

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