

Converting Colors

$Y_{xy}(15.3157, 0.5924, 0.3357)$

Have a look what the booklet for
Yxy(15.3157, 0.5924, 0.3357)
contains.

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Color

Yxy(15.3530, 0.5920, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	CF2E25
RGB	207, 46, 37
RGB Percent	81%, 18%, 15%
CMY	0.1882, 0.8195, 0.8551
CMYK	0.00, 0.78, 0.82, 0.19
HSL	3°, 70%, 48%
HSV	3°, 82%, 81%
XYZ	27.0425, 15.3530, 3.2844
YIQ	93.1130, 98.8450, 31.3330

Conversions

Conversions Part 2

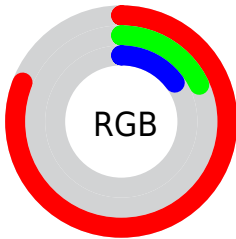
Format	Color
RYB	207, 47, 37
Decimal	13577765
CIELab	46.11, 61.12, 44.84
CIElCh	46, 75.804, 36.261
Yxy	15.3530, 0.5920, 0.3361
Android (android.graphics.Color)	4291767845 (0xFFCF2E25)
YUV	93.1130, -27.6637, 99.8789
Hunter-Lab	39.1829, 54.6235, 22.4582

Details

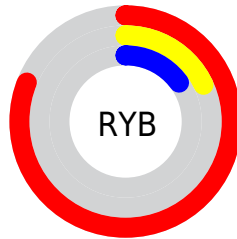
The Yxy color **15.3530, 0.5920, 0.3361** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45.2553, 0.2244, 0.3153**, and the grayscale version is **11.0236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.2082, 0.5201, 0.3490**, and **5.9293, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.0611, 0.6225, 0.3340**, and if you desaturate by 10%, it is **17.4187, 0.5501, 0.3372**.

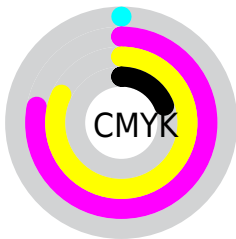
Distribution



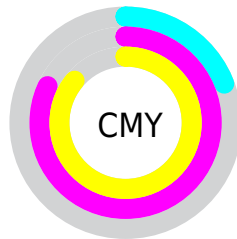
- Red (81%)
- Green (18%)
- Blue (15%)



- Red (81%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (78%)
- Yellow (82%)
- Black (19%)





- Cyan (19%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3530, 0.5920, 0.3361 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 15.3530, 0.5920, 0.3361 by changing the saturation by 10% instead.


 15.3530, 0.5920,
0.3361


 15.3530, 0.5920,
0.3361


225.4930, 0.4339,
0.3494


 9.0675, 0.6325,
0.3233


 35.4713, 0.5322,
0.3472


 4.7852, 0.6936,
0.3055

 50.0728, 0.5101,
0.3493


 2.1218, 0.7401,
0.2599

 68.2152, 0.4918,
0.3503


 0.6769, 0.8114,
0.1886

 90.2828, 0.4764,
0.3506

 0.0000, 1.0000,
0.0000


 116.6599, 0.4633,
0.3506


 0.0000, 0.0000,
0.0000


 147.7311, 0.4521,


0.3503


 183.8807, 0.4424,
0.3499

 15.3530, 0.5920,
0.3361


 15.3530, 0.5920,
0.3361


 14.0611, 0.6225,
0.3340


 17.4187, 0.5501,
0.3372

 13.5055, 0.6367,
0.3326

 20.3506, 0.5036,
0.3373

 24.2310, 0.4586,
0.3365

 29.1319, 0.4185,
0.3353

 35.1185, 0.3846,
0.3338

■ 42.2504, 0.3568,
0.3322

■ 50.5829, 0.3343,
0.3307

■ 60.1678, 0.3161,
0.3293

■ 71.0539, 0.3015,
0.3280

Harmonies

Analogous

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



15.3530, 0.5187, 0.2594



15.3530, 0.5920, 0.3361



15.3530, 0.5568, 0.4237

Triad

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



15.3530, 0.5920, 0.3361



15.3530, 0.2166, 0.5604



15.3530, 0.1402, 0.1347

Complementary

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



15.3530, 0.5920, 0.3361



45.2553, 0.2244, 0.3153

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.



15.3530, 0.1012, 0.1530



15.3530, 0.5920, 0.3361



15.3530, 0.1300, 0.3685

Square

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



15.3530, 0.5920, 0.3361



15.3530, 0.3355, 0.6118



15.3530, 0.0961, 0.2200



15.3530, 0.2247, 0.1485

Rectangle

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



15.3530, 0.5920, 0.3361



15.3530, 0.4967, 0.4946



15.3530, 0.0961, 0.2200



15.3530, 0.1230, 0.1368

Sweetspot

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



15.3539, 0.5920, 0.3361



63.9055, 0.3650, 0.3327



18.6857, 0.3309, 0.1687



12.8077, 0.3748, 0.3332



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.



15.3539, 0.5920, 0.3361



21.6364, 0.6361, 0.3321



29.4913, 0.4926, 0.4259



11.9079, 0.3289, 0.3303



8.5526, 0.6358, 0.3334



0.5145, 0.6222, 0.3442

Inverse Universe

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



45.2553, 0.2244, 0.3153



70.4681, 0.2201, 0.3121



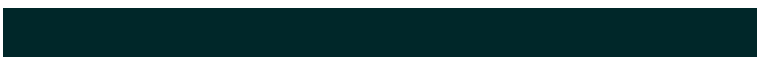
16.8135, 0.1871, 0.1749



13.2945, 0.2983, 0.3277



27.7474, 0.2201, 0.3124



1.5852, 0.2210, 0.3156

Previews

White Background



This preview shows how the Yxy color 15.3530, 0.5920, 0.3361 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 15.3530, 0.5920, 0.3361 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 15.3530, 0.5920, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 15.3530, 0.5920, 0.3361.



This preview shows how white text looks on a background with the Yxy color 15.3530, 0.5920, 0.3361.

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

15.3530, 0.5920, 0.3361

Protanopia

15.5558, 0.4012, 0.4374

Deuteranopia

15.4401, 0.4628, 0.4544



Tritanopia

15.3316, 0.5839, 0.3298

Trichromacy



Original Color

15.3530, 0.5920, 0.3361

Protanomaly

13.8021, 0.4819, 0.3894

Deuteranomaly

14.1536, 0.5241, 0.3990

Tritanomaly

15.3093, 0.5874, 0.3320

Monochromacy



Original Color

15.3530, 0.5920, 0.3361

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.7183, 0.4257, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3530, 0.5920, 0.3361 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(207, 46, 37)` looks like.

```
.text, #text, p{  
    color:rgb(207, 46, 37)  
}
```

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(207, 46, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 46, 37) }
```

Border

The CSS property to change the border of an element to Yxy 15.3530, 0.5920, 0.3361 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(207, 46, 37) }
```

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

```
.border{ border-color:rgb(207, 46, 37) }
```

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

Here you see how a box with a 4 pixel rgb(207, 46, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 46, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 46, 37);  
box-shadow:4px 4px 4px 4px rgb(207, 46,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3530, 0.5920, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 46, 37) }
```

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

```
.background{ background-color: rgb(207, 46,  
37) }
```

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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