

Converting Colors

$Y_{xy}(13.7392, 0.5856, 0.3389)$

Have a look what the booklet for
Yxy(13.7392, 0.5856, 0.3389)
contains.

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Color

Yxy(13.7625, 0.5862, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	C32F24
RGB	195, 47, 36
RGB Percent	76%, 18%, 14%
CMY	0.2353, 0.8156, 0.8589
CMYK	0.00, 0.76, 0.82, 0.24
HSL	4°, 69%, 45%
HSV	4°, 82%, 76%
XYZ	23.8404, 13.7625, 3.0665
YIQ	89.9980, 91.7390, 27.9550

Conversions

Conversions Part 2

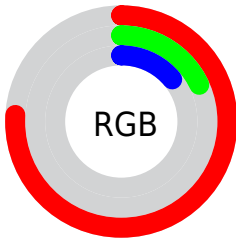
Format	Color
RYB	195, 48, 36
Decimal	12791588
CIELab	43.89, 57.18, 42.41
CIElCh	44, 71.190, 36.564
Yxy	13.7625, 0.5862, 0.3384
Android (android.graphics.Color)	4290981668 (0xFFC32F24)
YUV	89.9980, -26.6210, 92.0868
Hunter-Lab	37.0978, 49.7891, 21.0676

Details

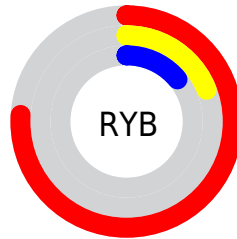
The Yxy color **13.7625, 0.5862, 0.3384** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **38.5776, 0.2236, 0.3114**, and the grayscale version is **10.2700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.9877, 0.5220, 0.3489**, and **4.9865, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **12.5131, 0.6183, 0.3358**, and if you desaturate by 10%, it is **15.6813, 0.5438, 0.3397**.

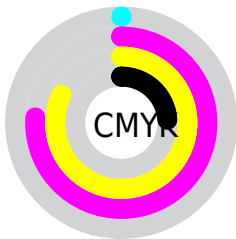
Distribution



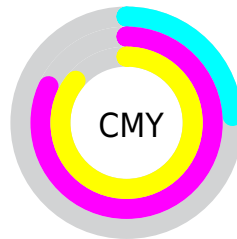
- Red (76%)
- Green (18%)
- Blue (14%)



- Red (76%)
- Yellow (19%)
- Blue (14%)



- Cyan (0%)
- Magenta (76%)
- Yellow (82%)
- Black (24%)





- Cyan (24%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.7625, 0.5862, 0.3384 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 13.7625, 0.5862, 0.3384 by changing the saturation by 10% instead.


 13.7625, 0.5862,
0.3384


 13.7625, 0.5862,
0.3384


215.7483, 0.4283,
0.3494


 7.9557, 0.6281,
0.3257


 32.6670, 0.5254,
0.3487


 4.0666, 0.6922,
0.3078

 46.5335, 0.5034,
0.3504

 1.7109, 0.7410,
0.2590

 63.8553, 0.4851,
0.3511

 0.4307, 0.8375,
0.1625

 85.0169, 0.4699,
0.3512

 0.0000, 1.0000,
0.0000

 110.4025, 0.4571,
0.3510

 0.0000, 0.0000,
0.0000


 140.3967, 0.4461,


0.3506


 175.3839, 0.4366,
0.3500


 13.7625, 0.5862,
0.3384


 13.7625, 0.5862,
0.3384


 12.5131, 0.6183,
0.3358


 15.6813, 0.5438,
0.3397

 11.9040, 0.6353,
0.3338

 18.3429, 0.4979,
0.3396

 21.8138, 0.4539,
0.3386

 26.1523, 0.4149,
0.3369

 31.4116, 0.3820,
0.3350

■ 37.6404, 0.3549,
0.3330

■ 44.8840, 0.3330,
0.3311

■ 53.1848, 0.3152,
0.3293

■ 62.5830, 0.3007,
0.3276

Harmonies

Analogous

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



13.7625, 0.5149, 0.2620



13.7625, 0.5862, 0.3384



13.7625, 0.5523, 0.4253

Triad

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



13.7625, 0.5862, 0.3384



13.7625, 0.2186, 0.5517



13.7625, 0.1439, 0.1379

Complementary

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



13.7625, 0.5862, 0.3384



38.5776, 0.2236, 0.3114

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.



13.7625, 0.1047, 0.1560



13.7625, 0.5862, 0.3384



13.7625, 0.1332, 0.3662

Square

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



13.7625, 0.5862, 0.3384



13.7625, 0.3359, 0.6055



13.7625, 0.0995, 0.2220



13.7625, 0.2278, 0.1519

Rectangle

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



13.7625, 0.5862, 0.3384



13.7625, 0.4938, 0.4946



13.7625, 0.0995, 0.2220



13.7625, 0.1266, 0.1400

Sweetspot

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



13.7633, 0.5862, 0.3384



64.0904, 0.3620, 0.3335



16.3394, 0.3343, 0.1716



13.1426, 0.3718, 0.3343



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.



13.7633, 0.5862, 0.3384



21.3732, 0.6335, 0.3333



26.6732, 0.4872, 0.4289



10.1877, 0.3287, 0.3307



7.7837, 0.6342, 0.3347



0.3758, 0.6136, 0.3510

Inverse Universe

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



38.5776, 0.2236, 0.3114



66.6609, 0.2189, 0.3072



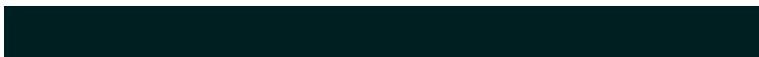
14.3939, 0.1868, 0.1722



11.3048, 0.2984, 0.3273



24.2125, 0.2187, 0.3074



1.0827, 0.2202, 0.3126

Previews

White Background



This preview shows how the Yxy color 13.7625, 0.5862, 0.3384 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 13.7625, 0.5862, 0.3384 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 13.7625, 0.5862, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 13.7625, 0.5862, 0.3384.



This preview shows how white text looks on a background with the Yxy color 13.7625, 0.5862, 0.3384.

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

13.7625, 0.5862, 0.3384

Protanopia

14.0641, 0.3995, 0.4365

Deuteranopia

13.8834, 0.4606, 0.4531



Tritanopia

13.7613, 0.5735, 0.3289

Trichromacy



Original Color

13.7625, 0.5862, 0.3384

Protanomaly

12.5576, 0.4779, 0.3912

Deuteranomaly

12.7805, 0.5191, 0.4003

Tritanomaly

13.7305, 0.5788, 0.3323

Monochromacy



Original Color

13.7625, 0.5862, 0.3384

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.9289, 0.4231, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.7625, 0.5862, 0.3384 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(195, 47, 36)` looks like.

```
.text, #text, p{  
    color:rgb(195, 47, 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(195, 47, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 47, 36) }
```

Border

The CSS property to change the border of an element to Yxy 13.7625, 0.5862, 0.3384 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(195, 47, 36) }
```

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

```
.border{ border-color:rgb(195, 47, 36) }
```

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

Here you see how a box with a 4 pixel rgb(195, 47, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 47, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 47, 36);  
box-shadow:4px 4px 4px 4px rgb(195, 47,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 13.7625, 0.5862, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 47, 36) }
```

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

```
.background{ background-color: rgb(195, 47,  
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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