

Converting Colors

$Y_{xy}(13.5437, 0.6105, 0.3341)$

Have a look what the booklet for
Yxy(13.5437, 0.6105, 0.3341)
contains.

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Color

Yxy(13.5754, 0.6108, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	C92119
RGB	201, 33, 25
RGB Percent	79%, 13%, 10%
CMY	0.2117, 0.8707, 0.9018
CMYK	0.00, 0.84, 0.88, 0.21
HSL	3°, 78%, 44%
HSV	3°, 88%, 79%
XYZ	24.8111, 13.5754, 2.2341
YIQ	82.3200, 102.6960, 33.1280

Conversions

Conversions Part 2

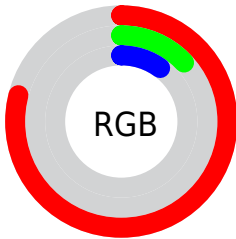
Format	Color
RYB	201, 33, 25
Decimal	13181209
CIELab	43.62, 62.58, 48.04
CIElCh	44, 78.888, 37.511
Yxy	13.5754, 0.6108, 0.3342
Android (android.graphics.Color)	4291371289 (0xFFC92119)
YUV	82.3200, -28.2588, 104.0824
Hunter-Lab	36.8448, 55.7223, 22.1962

Details

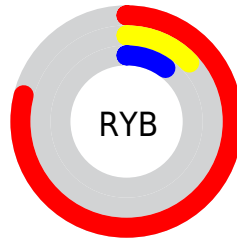
The Yxy color **13.5754, 0.6108, 0.3342** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **42.6042, 0.2232, 0.3166**, and the grayscale version is **8.5451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.2773, 0.5399, 0.3501**, and **5.3184, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **12.7389, 0.6332, 0.3323**, and if you desaturate by 10%, it is **15.0810, 0.5743, 0.3356**.

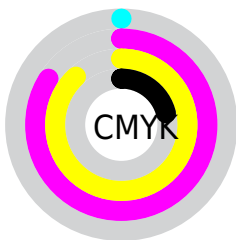
Distribution



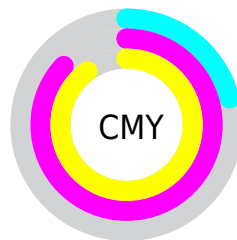
- Red (79%)
- Green (13%)
- Blue (10%)



- Red (79%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (84%)
- Yellow (88%)
- Black (21%)




- Cyan (21%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.5754, 0.6108, 0.3342 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 13.5754, 0.6108, 0.3342 by changing the saturation by 10% instead.


 13.5754, 0.6108,
0.3342


 13.5754, 0.6108,
0.3342


214.5731, 0.4416,
0.3519


 7.8259, 0.6534,
0.3183


 32.3337, 0.5474,
0.3484

 3.9838, 0.7080,
0.2920


 46.1114, 0.5237,
0.3512


 1.6645, 0.7588,
0.2412

 63.3339, 0.5040,
0.3525

 0.4005, 0.8581,
0.1419

 84.3857, 0.4874,
0.3531


 0.0000, 1.0000,
0.0000


 109.6511, 0.4733,
0.3531

 0.0000, 0.0000,
0.0000


 139.5145, 0.4612,


0.3529


 174.3604, 0.4507,
0.3524


 13.5754, 0.6108,
0.3342

 13.5754, 0.6108,
0.3342

 12.7389, 0.6332,
0.3323


 15.0810, 0.5743,
0.3356

 12.6169, 0.6371,
0.3323

 17.3565, 0.5293,
0.3362

 20.4873, 0.4827,
0.3358

 24.5467, 0.4396,
0.3350

 29.6005, 0.4022,
0.3338

■ 35.7082, 0.3711,
0.3324

■ 42.9248, 0.3458,
0.3311

■ 51.3014, 0.3254,
0.3299

■ 60.8859, 0.3090,
0.3287

Harmonies

Analogous

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



13.5754, 0.5405, 0.2563



13.5754, 0.6108, 0.3342



13.5754, 0.5672, 0.4277

Triad

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



13.5754, 0.6108, 0.3342



13.5754, 0.2016, 0.5769



13.5754, 0.1334, 0.1248

Complementary

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



13.5754, 0.6108, 0.3342



42.6042, 0.2232, 0.3166

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.



13.5754, 0.0922, 0.1411



13.5754, 0.6108, 0.3342



13.5754, 0.1155, 0.3610

Square

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



13.5754, 0.6108, 0.3342



13.5754, 0.3242, 0.6346



13.5754, 0.0848, 0.2061



13.5754, 0.2231, 0.1404

Rectangle

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



13.5754, 0.6108, 0.3342



13.5754, 0.4972, 0.5028



13.5754, 0.0848, 0.2061



13.5754, 0.1153, 0.1263

Sweetspot

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



13.5762, 0.6108, 0.3342



62.4834, 0.3679, 0.3323



17.0640, 0.3281, 0.1632



12.5259, 0.3778, 0.3327



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.



13.5762, 0.6108, 0.3342



21.5108, 0.6379, 0.3317



25.6586, 0.5078, 0.4223



10.7123, 0.3288, 0.3301



7.9673, 0.6363, 0.3330



0.4046, 0.6233, 0.3433

Inverse Universe

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



42.6042, 0.2232, 0.3166



71.6259, 0.2207, 0.3146



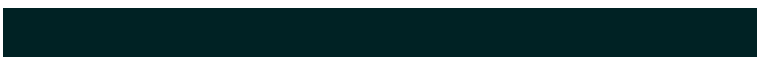
14.9738, 0.1833, 0.1692



11.9824, 0.2984, 0.3279



26.3766, 0.2208, 0.3150



1.2748, 0.2217, 0.3181

Previews

White Background



This preview shows how the Yxy color 13.5754, 0.6108, 0.3342 looks on a white background.

Color Contrast Check

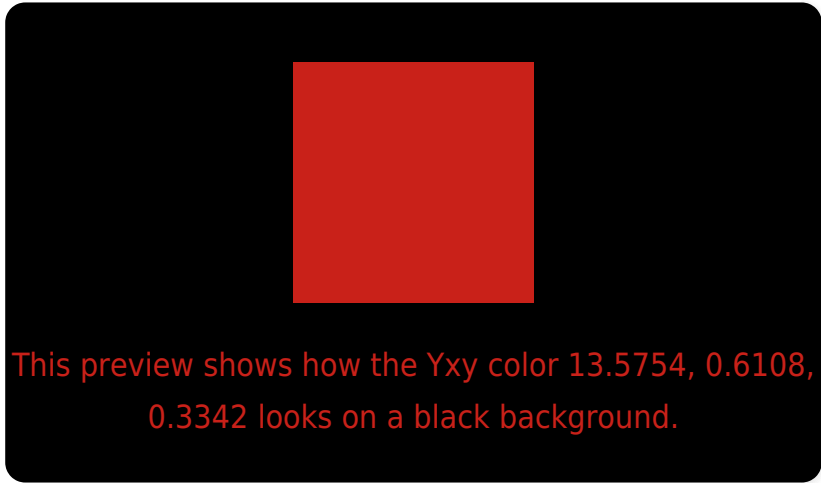
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5754, 0.6108, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 13.5754, 0.6108, 0.3342.



This preview shows how white text looks on a background with the Yxy color 13.5754, 0.6108, 0.3342.

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

13.5754, 0.6108, 0.3342

Protanopia

13.7737, 0.4126, 0.4528

Deuteranopia

13.8292, 0.4700, 0.4650



Tritanopia

13.5443, 0.6071, 0.3310

Trichromacy



Original Color

13.5754, 0.6108, 0.3342

Protanomaly

11.7732, 0.5037, 0.3937

Deuteranomaly

12.2200, 0.5411, 0.4015

Tritanomaly

13.5344, 0.6089, 0.3321

Monochromacy



Original Color

13.5754, 0.6108, 0.3342

Achromatopsia

8.4376, 0.3127, 0.3290

Achromatomaly

8.3637, 0.4464, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.5754, 0.6108, 0.3342 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(201, 33, 25)` looks like.

```
.text, #text, p{  
    color:rgb(201, 33, 25)  
}
```

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(201, 33, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 33, 25) }
```

Border

The CSS property to change the border of an element to Yxy 13.5754, 0.6108, 0.3342 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(201, 33, 25) }
```

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

```
.border{ border-color:rgb(201, 33, 25) }
```

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

Here you see how a box with a 4 pixel rgb(201, 33, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 33, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 33, 25);  
box-shadow:4px 4px 4px 4px rgb(201, 33,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 13.5754, 0.6108, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 33, 25) }
```

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

```
.background{ background-color: rgb(201, 33,  
25) }
```

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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