

Converting Colors

$Yxy(13.6127, 0.5474, 0.3250)$

Have a look what the booklet for
Yxy(13.6127, 0.5474, 0.3250)
contains.

Yxy(13.6604, 0.5482, 0.3256)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.6604, 0.5482, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	BD3539
RGB	189, 53, 57
RGB Percent	74%, 21%, 22%
CMY	0.2588, 0.7922, 0.7765
CMYK	0.00, 0.72, 0.70, 0.26
HSL	358°, 56%, 47%
HSV	358°, 72%, 74%
XYZ	22.9995, 13.6604, 5.2947
YIQ	94.1200, 79.7720, 30.0760

Conversions

Conversions Part 2

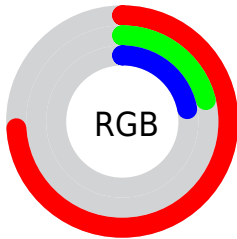
Format	Color
R_{YB}	189, 53, 57
Decimal	12399929
CIE Lab	43.74, 54.07, 30.00
CIE LCh	44, 61.834, 29.027
Yxy	13.6604, 0.5482, 0.3256
Android (android.graphics.Color)	4290590009 (0xFFBD3539)
YUV	94.1200, -18.3002, 83.2098
Hunter-Lab	36.9600, 46.3971, 17.3785

Details

The Yxy color **13.6604, 0.5482, 0.3256** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **40.6590, 0.2343, 0.3351**, and the grayscale version is **11.2530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.4460, 0.4921, 0.3344**, and **4.6237, 0.6206, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **12.1137, 0.5908, 0.3264**, and if you desaturate by 10%, it is **15.9541, 0.5013, 0.3254**.

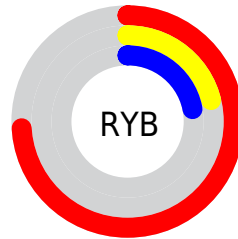
Distribution



Red (74%)

Green (21%)

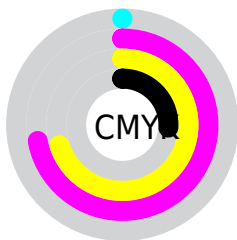
Blue (22%)



Red (74%)

Yellow (21%)

Blue (22%)

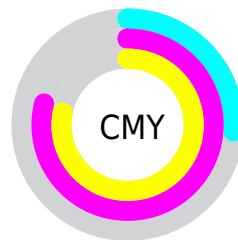


Cyan (0%)

Magenta (72%)

Yellow (70%)

Black (26%)



Cyan (26%)

Magenta (79%)

Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.6604, 0.5482, 0.3256 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 13.6604, 0.5482, 0.3256 by changing the saturation by 10% instead.


 13.6604, 0.5482,
0.3256


 13.6604, 0.5482,
0.3256


215.1078, 0.4085,
0.3377


 7.8849, 0.5895,
0.3159


 32.4852, 0.4922,
0.3341


 4.0214, 0.6452,
0.2981

 46.3033, 0.4726,
0.3358


 1.6855, 0.7320,
0.2680

 63.5710, 0.4568,
0.3369

 0.4143, 0.8318,
0.1682

 84.6727, 0.4437,
0.3374

 0.0000, 1.0000,
0.0000

 109.9929, 0.4328,
0.3377

 0.0000, 0.0000,
0.0000

 139.9159, 0.4235,

0.3378

174.8260, 0.4155,
0.3378

■ 13.6604, 0.5482,
0.3256

■ 13.6604, 0.5482,
0.3256

■ 12.1137, 0.5908,
0.3264

■ 15.9541, 0.5013,
0.3254

■ 11.2187, 0.6220,
0.3278

■ 19.0702, 0.4561,
0.3256

■ 10.8321, 0.6371,
0.3283

■ 23.0776, 0.4162,
0.3261

■ 28.0372, 0.3827,
0.3267

■ 34.0046, 0.3554,
0.3275

■ 41.0312, 0.3334,
0.3282

■ 49.1649, 0.3157,
0.3289

■ 58.4506, 0.3016,
0.3295

■ 68.9306, 0.2902,
0.3301

Harmonies

Analogous

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



13.6604, 0.4606, 0.2541



13.6604, 0.5482, 0.3256



13.6604, 0.5452, 0.4044

Triad

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



13.6604, 0.5482, 0.3256



13.6604, 0.2593, 0.5449



13.6604, 0.1467, 0.1562

Complementary

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



13.6604, 0.5482, 0.3256



40.6590, 0.2343, 0.3351

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.



13.6604, 0.1180, 0.1844



13.6604, 0.5482, 0.3256



13.6604, 0.1687, 0.4044

Square

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



13.6604, 0.5482, 0.3256



13.6604, 0.3698, 0.5643



13.6604, 0.1229, 0.2623



13.6604, 0.2139, 0.1617

Rectangle

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



13.6604, 0.5482, 0.3256



13.6604, 0.5026, 0.4625



13.6604, 0.1229, 0.2623



13.6604, 0.1333, 0.1614

Sweetspot

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



13.6612, 0.5482, 0.3256



60.4429, 0.3563, 0.3274



16.4695, 0.3143, 0.1706



12.3409, 0.3632, 0.3272



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.6612, 0.5482, 0.3256



20.6925, 0.6095, 0.3271



23.6761, 0.4810, 0.4077



9.5408, 0.3284, 0.3284



7.2894, 0.6363, 0.3279



0.2871, 0.6221, 0.3201

Inverse Universe

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



13.6612, 0.5482, 0.3256



20.6925, 0.6095, 0.3271



19.2347, 0.2047, 0.2181



9.5408, 0.3284, 0.3284



7.2894, 0.6363, 0.3279



0.2871, 0.6221, 0.3201

Previews

White Background



This preview shows how the Yxy color 13.6604, 0.5482, 0.3256 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 13.6604, 0.5482, 0.3256 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 13.6604, 0.5482, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 13.6604, 0.5482, 0.3256.



This preview shows how white text looks on a background with the Yxy color 13.6604, 0.5482, 0.3256.

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

13.6604, 0.5482, 0.3256

Protanopia

13.8672, 0.3630, 0.3891

Deuteranopia

13.8126, 0.4301, 0.4222



Tritanopia

13.6505, 0.5497, 0.3267

Trichromacy



Original Color

13.6604, 0.5482, 0.3256

Protanomaly

12.5021, 0.4339, 0.3584

Deuteranomaly

12.8618, 0.4805, 0.3769

Tritanomaly

13.6505, 0.5497, 0.3267

Monochromacy



Original Color

13.6604, 0.5482, 0.3256

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.8532, 0.3997, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.6604, 0.5482, 0.3256 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(189, 53, 57)` looks like.

```
.text, #text, p{  
    color:rgb(189, 53, 57)  
}
```

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(189, 53, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 53, 57) }
```

Border

The CSS property to change the border of an element to Yxy 13.6604, 0.5482, 0.3256 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(189, 53, 57) }
```

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

```
.border{ border-color:rgb(189, 53, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 53, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 53, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 53, 57);  
box-shadow:4px 4px 4px 4px rgb(189, 53,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 13.6604, 0.5482, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 53, 57) }
```

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

```
.background{ background-color: rgb(189, 53,  
57) }
```

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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