

Converting Colors

$Yxy(11.6639, 0.5057, 0.3366)$

Have a look what the booklet for
Yxy(11.6639, 0.5057, 0.3366)
contains.

Yxy(11.6639, 0.5057, 0.3366)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.6639, 0.5057, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	A2403B
RGB	162, 64, 59
RGB Percent	64%, 25%, 23%
CMY	0.3647, 0.7490, 0.7686
CMYK	0.00, 0.60, 0.64, 0.36
HSL	3°, 47%, 43%
HSV	3°, 64%, 64%
XYZ	17.5236, 11.6639, 5.4646
YIQ	92.7320, 60.0130, 19.2210

Conversions

Conversions Part 2

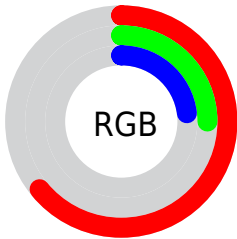
Format	Color
R _Y B	162, 64, 59
Decimal	10633275
CIE Lab	40.68, 40.28, 23.95
CIE LCh	41, 46.859, 30.731
Yxy	11.6639, 0.5057, 0.3366
Android (android.graphics.Color)	4288823355 (0xFFA2403B)
YUV	92.7320, -16.6299, 60.7480
Hunter-Lab	34.1525, 31.8213, 14.4199

Details

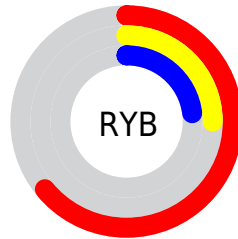
The Yxy color **11.6639, 0.5057, 0.3366** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27.6510, 0.2357, 0.3197**, and the grayscale version is **10.9099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9035, 0.4563, 0.3411**, and **3.1355, 0.5978, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **10.0171, 0.5515, 0.3365**, and if you desaturate by 10%, it is **13.8445, 0.4611, 0.3359**.

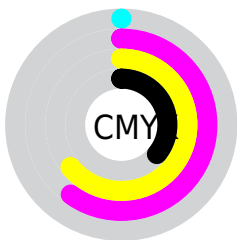
Distribution



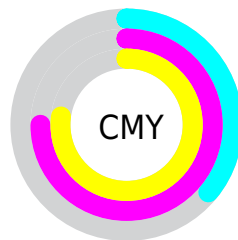
- Red (64%)
- Green (25%)
- Blue (23%)



- Red (64%)
- Yellow (25%)
- Blue (23%)



- Cyan (0%)
- Magenta (60%)
- Yellow (64%)
- Black (36%)





- Cyan (36%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6639, 0.5057, 0.3366 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 11.6639, 0.5057, 0.3366 by changing the saturation by 10% instead.


 11.6639, 0.5057,
0.3366


 11.6639, 0.5057,
0.3366


202.1673, 0.3875,
0.3388

 6.5153, 0.5440,
0.3311


 28.8815, 0.4565,
0.3401

 3.1608, 0.5987,
0.3188

 41.7192, 0.4400,
0.3405


 1.2163, 0.7006,
0.2994

 57.8887, 0.4268,
0.3404

 0.0749, 0.9347,
0.0653

 77.7744, 0.4160,
0.3402

 0.0000, 1.0000,
0.0000

 101.7608, 0.4071,
0.3399

 0.0000, 0.0000,
0.0000

 130.2321, 0.3995,

0.3395

163.5728, 0.3931,
0.3392

■ 11.6639, 0.5057,
0.3366

■ 11.6639, 0.5057,
0.3366

■ 10.0171, 0.5515,
0.3365

■ 13.8445, 0.4611,
0.3359

■ 8.8566, 0.5926,
0.3355

■ 16.5974, 0.4213,
0.3348

■ 8.1295, 0.6226,
0.3336

■ 19.9598, 0.3874,
0.3335

■ 7.8527, 0.6360,
0.3332

■ 23.9651, 0.3595,
0.3321

■ 28.6445, 0.3368,
0.3307

■ 34.0268, 0.3184,
0.3294

■ 40.1396, 0.3035,
0.3283

■ 47.0086, 0.2915,
0.3272

■ 54.6584, 0.2816,
0.3262

Harmonies

Analogous

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



11.6639, 0.4375, 0.2719



11.6639, 0.5057, 0.3366



11.6639, 0.5060, 0.4068

Triad

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



11.6639, 0.5057, 0.3366



11.6639, 0.2693, 0.4909



11.6639, 0.1746, 0.1824

Complementary

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



11.6639, 0.5057, 0.3366



27.6510, 0.2357, 0.3197

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.



11.6639, 0.1469, 0.2077



11.6639, 0.5057, 0.3366



11.6639, 0.1922, 0.3830

Square

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



11.6639, 0.5057, 0.3366



11.6639, 0.3635, 0.5212



11.6639, 0.1515, 0.2736



11.6639, 0.2363, 0.1878

Rectangle

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



11.6639, 0.5057, 0.3366



11.6639, 0.4732, 0.4545



11.6639, 0.1515, 0.2736



11.6639, 0.1618, 0.1870

Sweetspot

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



11.6645, 0.5057, 0.3366



46.9395, 0.3493, 0.3315



13.2975, 0.3243, 0.1901



10.0370, 0.3558, 0.3319



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



11.6645, 0.5057, 0.3366



17.2709, 0.5683, 0.3363



20.0170, 0.4467, 0.4121



7.1386, 0.3284, 0.3301



6.2050, 0.6354, 0.3337



0.1460, 0.6145, 0.3503

Inverse Universe

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



27.6510, 0.2357, 0.3197



48.5394, 0.2273, 0.3175



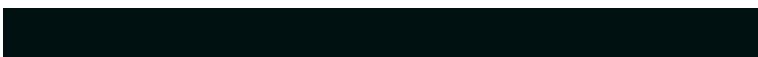
14.0675, 0.2129, 0.2204



7.9520, 0.2988, 0.3279



20.3137, 0.2206, 0.3141



0.4435, 0.2222, 0.3198

Previews

White Background



This preview shows how the Yxy color 11.6639, 0.5057, 0.3366 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 11.6639, 0.5057, 0.3366 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 11.6639, 0.5057, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 11.6639, 0.5057, 0.3366.



This preview shows how white text looks on a background with the Yxy color 11.6639, 0.5057, 0.3366.

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

11.6639, 0.5057, 0.3366

Protanopia

11.9603, 0.3602, 0.3862

Deuteranopia

11.7722, 0.4144, 0.4078



Tritanopia

11.6416, 0.4920, 0.3238

Trichromacy



Original Color

11.6639, 0.5057, 0.3366

Protanomaly

11.2622, 0.4130, 0.3657

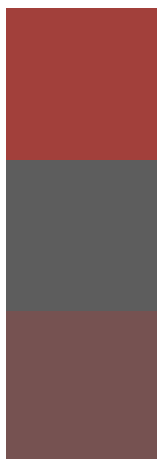
Deuteranomaly

11.3884, 0.4495, 0.3774

Tritanomaly

11.6066, 0.4976, 0.3281

Monochromacy



Original Color

11.6639, 0.5057, 0.3366

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.4802, 0.3786, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6639, 0.5057, 0.3366 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(162, 64, 59)` looks like.

```
.text, #text, p{  
    color:rgb(162, 64, 59)  
}
```

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(162, 64, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 64, 59) }
```

Border

The CSS property to change the border of an element to Yxy 11.6639, 0.5057, 0.3366 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(162, 64, 59) }
```

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

```
.border{ border-color:rgb(162, 64, 59) }
```

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

Here you see how a box with a 4 pixel rgb(162, 64, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 64, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 64, 59);  
box-shadow:4px 4px 4px 4px rgb(162, 64,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6639, 0.5057, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 64, 59) }
```

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

```
.background{ background-color: rgb(162, 64,  
59) }
```

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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