

Converting Colors

Yxy(32.3638, 0.3643, 0.5369)

Have a look what the booklet for
Yxy(32.3638, 0.3643, 0.5369)
contains.

Yxy(32.3638, 0.3643, 0.5369)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.3638, 0.3643, 0.5369)

Conversions

Conversions Part 1

Format	Color
Hex	77A918
RGB	119, 169, 24
RGB Percent	47%, 66%, 9%
CMY	0.5334, 0.3372, 0.9057
CMYK	0.30, 0.00, 0.86, 0.34
HSL	81°, 75%, 38%
HSV	81°, 86%, 66%
XYZ	21.9596, 32.3638, 5.9556
YIQ	137.5200, 16.7450, -55.6950

Conversions

Conversions Part 2

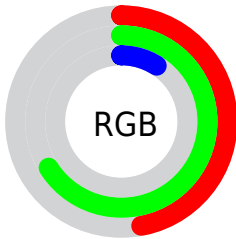
Format	Color
R_{YB}	24, 169, 74
Decimal	7842072
CIE _{Lab}	63.64, -36.48, 61.40
CIE _{LCh}	64, 71.415, 120.717
Yxy	32.3638, 0.3643, 0.5369
Android (android.graphics.Color)	4286032152 (0xFF77A918)
YUV	137.5200, -55.9654, -16.2420
Hunter-Lab	56.8892, -30.6538, 33.6155

Details

The Yxy color **32.3638, 0.3643, 0.5369** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4.9782, 0.1938, 0.0935**, and the grayscale version is **25.4371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6203, 0.3604, 0.4959**, and **13.8126, 0.3458, 0.5636** is the 20% darker color. If you saturate the color by 10%, you get **31.9148, 0.3616, 0.5481**, and if you desaturate by 10%, it is **32.8841, 0.3646, 0.5209**.

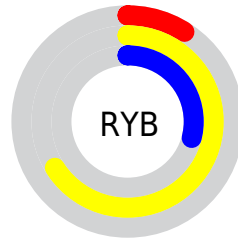
Distribution



Red (47%)

Green (66%)

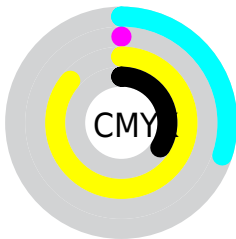
Blue (9%)



Red (9%)

Yellow (66%)

Blue (29%)

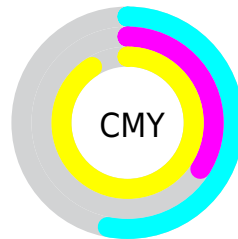


Cyan (30%)

Magenta (0%)

Yellow (86%)

Black (34%)



Cyan (53%)


Magenta (34%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3638, 0.3643, 0.5369 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 32.3638, 0.3643, 0.5369 by changing the saturation by 10% instead.


 32.3638, 0.3643,
0.5369


 32.3638, 0.3643,
0.5369


312.7732, 0.3466,
0.4251


 21.6395, 0.3638,
0.5645


 63.3810, 0.3610,
0.4957


 13.5923, 0.3592,
0.5982


 84.4427, 0.3587,
0.4803


 7.8376, 0.3517,
0.6483


 109.7190, 0.3564,
0.4673

 3.9912, 0.3162,
0.6838

 139.5942, 0.3542,
0.4563

 1.6687, 0.2462,
0.7538

 174.4529, 0.3520,
0.4468

 0.4032, 0.0000,
1.0000

 214.6794, 0.3501,

 0.0000, 0.0000,

0.4386

0.0000

260.6580, 0.3482,
0.4314

■ 32.3638, 0.3643,
0.5369

■ 32.3638, 0.3643,
0.5369

■ 31.9148, 0.3616,
0.5481

■ 32.8841, 0.3646,
0.5209

■ 31.7375, 0.3602,
0.5522

■ 33.4794, 0.3626,
0.5004

■ 34.1573, 0.3582,
0.4765

■ 34.9231, 0.3521,
0.4501

■ 35.7819, 0.3445,
0.4227

■ 36.7379, 0.3360,
0.3951

■ 37.7953, 0.3270,
0.3684

■ 38.9579, 0.3179,
0.3429

■ 40.2294, 0.3090,
0.3192

Harmonies

Analogous

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



32.3638, 0.4570, 0.4846



32.3638, 0.3643, 0.5369



32.3638, 0.2643, 0.5069

Triad

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



32.3638, 0.3643, 0.5369



32.3638, 0.1369, 0.1987



32.3638, 0.4476, 0.2671

Complementary

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



32.3638, 0.3643, 0.5369



4.9782, 0.1938, 0.0935

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.



32.3638, 0.3323, 0.2120



32.3638, 0.3643, 0.5369



32.3638, 0.1657, 0.1730

Square

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



32.3638, 0.3643, 0.5369



32.3638, 0.1409, 0.2678



32.3638, 0.2303, 0.1790



32.3638, 0.5211, 0.3346

Rectangle

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



32.3638, 0.3643, 0.5369



32.3638, 0.2061, 0.4321



32.3638, 0.2303, 0.1790



32.3638, 0.4109, 0.2469

Sweetspot

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



32.3652, 0.3643, 0.5369



65.6663, 0.3366, 0.3970



13.1838, 0.5474, 0.3825



14.1858, 0.3395, 0.4061



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.3652, 0.3643, 0.5369



56.7159, 0.3592, 0.5530



29.0775, 0.3097, 0.5779



8.6423, 0.3211, 0.3517



23.6826, 0.3608, 0.5517



0.6029, 0.3809, 0.5358

Inverse Universe

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



4.9782, 0.1938, 0.0935



6.6532, 0.1751, 0.0738



9.5256, 0.2855, 0.1421



7.4217, 0.3038, 0.3060



2.8396, 0.1778, 0.0753



0.0974, 0.2173, 0.0970

Previews

White Background



This preview shows how the Yxy color 32.3638, 0.3643, 0.5369 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 32.3638, 0.3643, 0.5369 looks on a black 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.3638, 0.3643, 0.5369

Background



This preview shows how black text looks on a background with the Yxy color 32.3638, 0.3643, 0.5369.



This preview shows how white text looks on a background with the Yxy color 32.3638, 0.3643, 0.5369.

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

32.3638, 0.3643, 0.5369

Protanopia

32.0425, 0.4365, 0.4838

Deuteranopia

32.0417, 0.4593, 0.4509



Tritanopia

32.1671, 0.2813, 0.3088

Trichromacy



Original Color

32.3638, 0.3643, 0.5369

Protanomaly

31.6227, 0.4091, 0.5039

Deuteranomaly

31.3337, 0.4241, 0.4820

Tritanomaly

31.4412, 0.3205, 0.4029

Monochromacy



Original Color

32.3638, 0.3643, 0.5369

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

27.1833, 0.3434, 0.4193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3638, 0.3643, 0.5369 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(119, 169, 24)` looks like.

```
.text, #text, p{  
    color:rgb(119, 169, 24)  
}
```

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(119, 169, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 169, 24) }
```

Border

The CSS property to change the border of an element to Yxy 32.3638, 0.3643, 0.5369 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(119, 169, 24) }
```

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

```
.border{ border-color:rgb(119, 169, 24) }
```

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

Here you see how a box with a 4 pixel rgb(119, 169, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 169, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 169, 24);  
box-shadow:4px 4px 4px 4px rgb(119, 169,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3638, 0.3643, 0.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 169, 24) }
```

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

```
.background{ background-color: rgb(119,  
169, 24) }
```

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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