

Converting Colors

Yxy(32.3151, 0.3457, 0.4484)

Have a look what the booklet for
Yxy(32.3151, 0.3457, 0.4484)
contains.

Yxy(32.3746, 0.3462, 0.4484)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.3746, 0.3462, 0.4484)

Conversions

Conversions Part 1

Format	Color
Hex	86A45B
RGB	134, 164, 91
RGB Percent	53%, 64%, 36%
CMY	0.4745, 0.3569, 0.6431
CMYK	0.18, 0.00, 0.45, 0.36
HSL	85°, 29%, 50%
HSV	85°, 45%, 64%
XYZ	24.9957, 32.3746, 14.8299
YIQ	146.7080, 5.5530, -29.0630

Conversions

Conversions Part 2

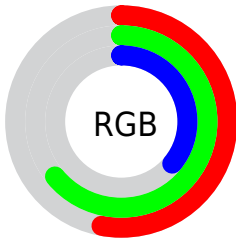
Format	Color
RYB	91, 164, 121
Decimal	8823899
CIELab	63.65, -22.98, 34.43
CIElCh	64, 41.395, 123.726
Yxy	32.3746, 0.3462, 0.4484
Android (android.graphics.Color)	4287013979 (0xFF86A45B)
YUV	146.7080, -27.4640, -11.1449
Hunter-Lab	56.8987, -21.1572, 24.3759

Details

The Yxy color **32.3746, 0.3462, 0.4484** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.2291, 0.2639, 0.2048**, and the grayscale version is **29.1654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3074, 0.3411, 0.4238**, and **13.6018, 0.3525, 0.4894** is the 20% darker color. If you saturate the color by 10%, you get **31.5869, 0.3515, 0.4760**, and if you desaturate by 10%, it is **33.2624, 0.3396, 0.4201**.

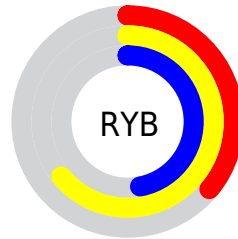
Distribution



Red (53%)

Green (64%)

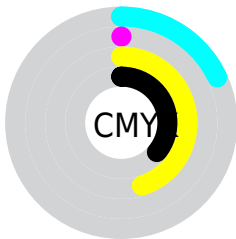
Blue (36%)



Red (36%)

Yellow (64%)

Blue (47%)

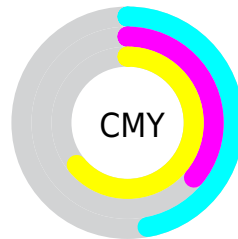


Cyan (18%)

Magenta (0%)

Yellow (45%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.3746, 0.3462, 0.4484 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 32.3746, 0.3462, 0.4484 by changing the saturation by 10% instead.


 32.3746, 0.3462,
0.4484


 32.3746, 0.3462,
0.4484

312.8222, 0.3307,
0.3829


 21.6478, 0.3492,
0.4665


 63.3979, 0.3411,
0.4233

 13.5983, 0.3521,
0.4906


 84.4631, 0.3390,
0.4142

 7.8418, 0.3542,
0.5239


 109.7433, 0.3372,
0.4067

 3.9939, 0.3568,
0.5789

 139.6229, 0.3356,
0.4004

 1.6702, 0.3440,
0.6560

174.4861, 0.3341,
0.3951

 0.4042, 0.0000,
1.0000

214.7175, 0.3329,

 0.0000, 0.0000,

0.3905

0.0000

260.7014, 0.3317,
0.3865

■ 32.3746, 0.3462,
0.4484

■ 32.3746, 0.3462,
0.4484

■ 31.5869, 0.3515,
0.4760

■ 33.2624, 0.3396,
0.4201

■ 30.8901, 0.3550,
0.5015

■ 34.2502, 0.3322,
0.3921

■ 30.2806, 0.3563,
0.5238


■ 35.3436, 0.3243,
0.3651

■ 29.7524, 0.3554,
0.5416

■ 36.5463, 0.3163,
0.3398


■ 29.2983, 0.3522,
0.5544


■ 37.8618, 0.3084,
0.3164

 29.0715, 0.3500,
0.5603

 39.2937, 0.3007,
0.2950

 40.8450, 0.2935,
0.2756

 42.5190, 0.2866,
0.2582

 44.3185, 0.2803,
0.2425

Harmonies

Analogous

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



32.3746, 0.4035, 0.4347



32.3746, 0.3462, 0.4484



32.3746, 0.2830, 0.4197

Triad

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



32.3746, 0.3462, 0.4484



32.3746, 0.1997, 0.2476



32.3746, 0.3975, 0.2974

Complementary

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



32.3746, 0.3462, 0.4484



14.2291, 0.2639, 0.2048

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.



32.3746, 0.3334, 0.2578



32.3746, 0.3462, 0.4484



32.3746, 0.2227, 0.2289

Square

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



32.3746, 0.3462, 0.4484



32.3746, 0.2022, 0.2920



32.3746, 0.2694, 0.2334



32.3746, 0.4374, 0.3455

Rectangle

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



32.3746, 0.3462, 0.4484



32.3746, 0.2461, 0.3798



32.3746, 0.2694, 0.2334



32.3746, 0.3776, 0.2829

Sweetspot

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



32.3760, 0.3462, 0.4484



64.4169, 0.3233, 0.3618



22.1306, 0.4059, 0.3752



13.9864, 0.3250, 0.3674



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.



32.3760, 0.3462, 0.4484



57.4024, 0.3512, 0.4746



29.9212, 0.3124, 0.4620



8.0915, 0.3201, 0.3516



22.3181, 0.3507, 0.5598



0.4956, 0.3761, 0.5395

Inverse Universe

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



14.2291, 0.2639, 0.2048



20.3432, 0.2503, 0.1763



17.3020, 0.3083, 0.2196



6.9954, 0.3048, 0.3062



3.0076, 0.1881, 0.0810



0.0905, 0.2315, 0.1049

Previews

White Background



This preview shows how the Yxy color 32.3746, 0.3462, 0.4484 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 32.3746, 0.3462, 0.4484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

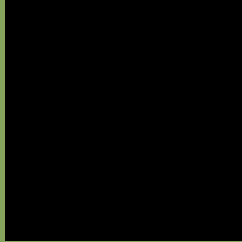
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3746, 0.3462, 0.4484

Background



This preview shows how black text looks on a background with the Yxy color 32.3746, 0.3462, 0.4484.



This preview shows how white text looks on a background with the Yxy color 32.3746, 0.3462, 0.4484.

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

32.3746, 0.3462, 0.4484

Protanopia

32.2343, 0.3923, 0.4267

Deuteranopia

32.1328, 0.4084, 0.4007



Tritanopia

32.1991, 0.2908, 0.3091

Trichromacy



Original Color

32.3746, 0.3462, 0.4484

Protanomaly

32.2262, 0.3747, 0.4360

Deuteranomaly

31.8061, 0.3845, 0.4167

Tritanomaly

31.9226, 0.3114, 0.3578

Monochromacy



Original Color

32.3746, 0.3462, 0.4484

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.0656, 0.3259, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3746, 0.3462, 0.4484 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(134, 164, 91)` looks like.

```
.text, #text, p{  
    color:rgb(134, 164, 91)  
}
```

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(134, 164, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 164, 91) }
```

Border

The CSS property to change the border of an element to Yxy 32.3746, 0.3462, 0.4484 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(134, 164, 91) }
```

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

```
.border{ border-color:rgb(134, 164, 91) }
```

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

Here you see how a box with a 4 pixel rgb(134, 164, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 164, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 164, 91);  
box-shadow:4px 4px 4px 4px rgb(134, 164,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3746, 0.3462, 0.4484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 164, 91) }
```

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

```
.background{ background-color: rgb(134,  
164, 91) }
```

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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