

Converting Colors

$Yxy(32.7974, 0.3178, 0.4913)$

Have a look what the booklet for
Yxy(32.7974, 0.3178, 0.4913)
contains.

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Color

Yxy(32.6256, 0.3176, 0.4904)

Conversions

Conversions Part 1

Format	Color
Hex	61AC50
RGB	97, 172, 80
RGB Percent	38%, 67%, 31%
CMY	0.6196, 0.3255, 0.6863
CMYK	0.44, 0.00, 0.53, 0.33
HSL	109°, 37%, 49%
HSV	109°, 53%, 67%
XYZ	21.1295, 32.6256, 12.7735
YIQ	139.0870, -15.1680, -44.5120

Conversions

Conversions Part 2

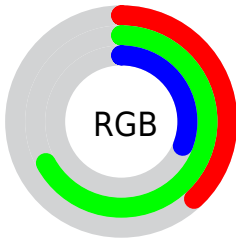
Format	Color
RYB	80, 172, 155
Decimal	6401104
CIELab	63.86, -41.32, 39.78
CIELCh	64, 57.353, 136.089
Yxy	32.6256, 0.3176, 0.4904
Android (android.graphics.Color)	4284591184 (0xFF61AC50)
YUV	139.0870, -29.1299, -36.9103
Hunter-Lab	57.1188, -33.9270, 26.7242

Details

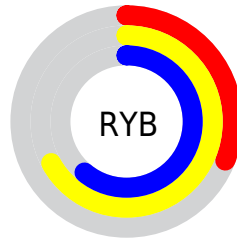
The Yxy color **32.6256, 0.3176, 0.4904** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.6872, 0.2967, 0.1953**, and the grayscale version is **25.9725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8009, 0.3199, 0.4557**, and **13.7588, 0.3101, 0.5508** is the 20% darker color. If you saturate the color by 10%, you get **31.7010, 0.3165, 0.5223**, and if you desaturate by 10%, it is **33.7543, 0.3178, 0.4569**.

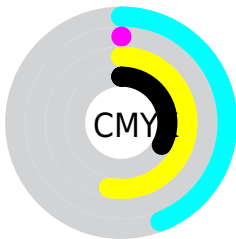
Distribution



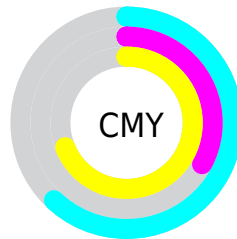
- Red (38%)
- Green (67%)
- Blue (31%)



- Red (31%)
- Yellow (67%)
- Blue (61%)



- Cyan (44%)
- Magenta (0%)
- Yellow (53%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6256, 0.3176, 0.4904 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 32.6256, 0.3176, 0.4904 by changing the saturation by 10% instead.

 32.6256, 0.3176,
0.4904


 32.6256, 0.3176,
0.4904


313.9593, 0.3192,
0.3998


 21.8398, 0.3151,
0.5161


 63.7906, 0.3196,
0.4551


 13.7392, 0.3101,
0.5507


 84.9385, 0.3199,
0.4426

 7.9395, 0.3000,
0.5989


 110.3092, 0.3199,
0.4322

 4.0563, 0.2892,
0.6946

 140.2872, 0.3199,
0.4236

 1.7051, 0.2086,
0.7914

 175.2568, 0.3198,
0.4163

 0.4269, 0.0000,
1.0000

215.6024, 0.3196,

 0.0000, 0.0000,

0.4100

0.0000

261.7085, 0.3194,
0.4046

■ 32.6256, 0.3176,
0.4904

■ 32.6256, 0.3176,
0.4904

■ 31.7010, 0.3165,
0.5223

■ 33.7543, 0.3178,
0.4569

■ 30.9641, 0.3145,
0.5506

■ 35.0940, 0.3174,
0.4238

■ 30.4025, 0.3117,
0.5730

■ 36.6566, 0.3163,
0.3924

■ 30.0007, 0.3083,
0.5881

■ 38.4516, 0.3149,
0.3635

■ 29.8101, 0.3062,
0.5950

■ 40.4883, 0.3133,
0.3374

■ 42.7750, 0.3116,
0.3142

■ 45.3201, 0.3098,
0.2939

■ 48.1312, 0.3080,
0.2760

■ 51.2159, 0.3063,
0.2605

Harmonies

Analogous

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



32.6256, 0.4004, 0.4855



32.6256, 0.3176, 0.4904



32.6256, 0.2379, 0.4249

Triad

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



32.6256, 0.3176, 0.4904



32.6256, 0.1731, 0.2059



32.6256, 0.4584, 0.3089

Complementary

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



32.6256, 0.3176, 0.4904



15.6872, 0.2967, 0.1953

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.



32.6256, 0.3782, 0.2538



32.6256, 0.3176, 0.4904



32.6256, 0.2143, 0.1969

Square

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



32.6256, 0.3176, 0.4904



32.6256, 0.1624, 0.2469



32.6256, 0.2862, 0.2143



32.6256, 0.4900, 0.3714

Rectangle

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



32.6256, 0.3176, 0.4904



32.6256, 0.1977, 0.3582



32.6256, 0.2862, 0.2143



32.6256, 0.4356, 0.2893

Sweetspot

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



32.6270, 0.3176, 0.4904



68.7976, 0.3154, 0.3713



32.3314, 0.4019, 0.4338



14.8090, 0.3156, 0.3770



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.6270, 0.3176, 0.4904



57.2618, 0.3162, 0.5273



32.2869, 0.2872, 0.4469



9.0078, 0.3143, 0.3522



22.2003, 0.3067, 0.5947



0.6382, 0.3256, 0.5797

Inverse Universe

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



15.6872, 0.2967, 0.1953



23.2465, 0.2916, 0.1708



16.5352, 0.3569, 0.2365



8.0722, 0.3109, 0.3064



6.4034, 0.2753, 0.1290



0.1972, 0.2900, 0.1371

Previews

White Background



This preview shows how the Yxy color 32.6256, 0.3176, 0.4904 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 32.6256, 0.3176, 0.4904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

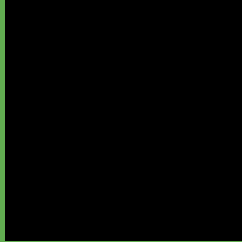
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6256, 0.3176, 0.4904

Background



This preview shows how black text looks on a background with the Yxy color 32.6256, 0.3176, 0.4904.



This preview shows how white text looks on a background with the Yxy color 32.6256, 0.3176, 0.4904.

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

32.6256, 0.3176, 0.4904

Protanopia

32.1517, 0.4042, 0.4425

Deuteranopia

32.2469, 0.4182, 0.4100



Tritanopia

32.5806, 0.2623, 0.3083

Trichromacy



Original Color

32.6256, 0.3176, 0.4904



Protanomaly

31.8512, 0.3684, 0.4624



Deuteranomaly

31.3856, 0.3782, 0.4395



Tritanomaly

32.3540, 0.2833, 0.3733

Monochromacy



Original Color

32.6256, 0.3176, 0.4904



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

27.7263, 0.3160, 0.3868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6256, 0.3176, 0.4904 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(97, 172, 80)` looks like.

```
.text, #text, p{  
    color:rgb(97, 172, 80)  
}
```

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(97, 172, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 172, 80) }
```

Border

The CSS property to change the border of an element to Yxy 32.6256, 0.3176, 0.4904 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(97, 172, 80) }
```

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

```
.border{ border-color:rgb(97, 172, 80) }
```

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

Here you see how a box with a 4 pixel rgb(97, 172, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 172, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 172, 80);  
box-shadow:4px 4px 4px 4px rgb(97, 172,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6256, 0.3176, 0.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 172, 80) }
```

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

```
.background{ background-color: rgb(97, 172,  
80) }
```

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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