

Converting Colors

$Yxy(31.2028, 0.3018, 0.4169)$

Have a look what the booklet for
Yxy(31.2028, 0.3018, 0.4169)
contains.

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Color

Yxy(31.2739, 0.3017, 0.4173)

Conversions

Conversions Part 1

Format	Color
Hex	6BA573
RGB	107, 165, 115
RGB Percent	42%, 65%, 45%
CMY	0.5805, 0.3529, 0.5491
CMYK	0.35, 0.00, 0.30, 0.35
HSL	128°, 24%, 53%
HSV	128°, 35%, 65%
XYZ	22.6104, 31.2739, 21.0591
YIQ	141.9580, -18.5180, -27.8460

Conversions

Conversions Part 2

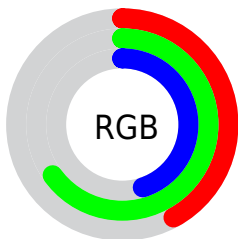
Format	Color
RYB	107, 158, 165
Decimal	7054707
CIELab	62.74, -29.58, 20.09
CIElCh	63, 35.759, 145.812
Yxy	31.2739, 0.3017, 0.4173
Android (android.graphics.Color)	4285244787 (0xFF6BA573)
YUV	141.9580, -13.2903, -30.6582
Hunter-Lab	55.9231, -25.6955, 16.8191

Details

The Yxy color **31.2739, 0.3017, 0.4173** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.9460, 0.3262, 0.2544**, and the grayscale version is **27.0902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4500, 0.3047, 0.3979**, and **13.0444, 0.2959, 0.4531** is the 20% darker color. If you saturate the color by 10%, you get **30.0458, 0.2989, 0.4478**, and if you desaturate by 10%, it is **32.7503, 0.3048, 0.3888**.

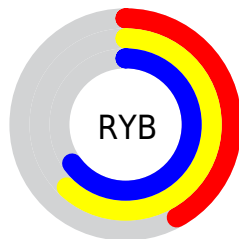
Distribution



Red (42%)

Green (65%)

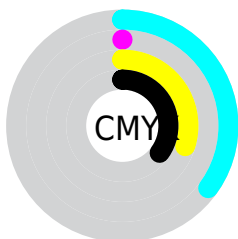
Blue (45%)



Red (42%)

Yellow (62%)

Blue (65%)

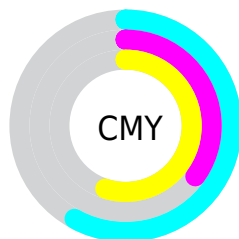


Cyan (35%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (58%)


Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2739, 0.3017, 0.4173 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 31.2739, 0.3017, 0.4173 by changing the saturation by 10% instead.

 31.2739, 0.3017,
0.4173


 31.2739, 0.3017,
0.4173


307.7982, 0.3088,
0.3680

 20.8075, 0.2992,
0.4316


 61.6710, 0.3047,
0.3980


 12.9834, 0.2955,
0.4514


 82.3706, 0.3057,
0.3912

 7.4171, 0.2895,
0.4802


 107.2500, 0.3065,
0.3856

 3.7243, 0.2785,
0.5259

 136.6936, 0.3072,
0.3809

 1.5206, 0.2724,
0.6700

171.0858, 0.3077,
0.3769

 0.3031, 0.0000,
1.0000

210.8110, 0.3081,

 0.0000, 0.0000,

0.3735

0.0000

256.2537, 0.3085,
0.3706

■ 31.2739, 0.3017,
0.4173

■ 31.2739, 0.3017,
0.4173

■ 30.0458, 0.2989,
0.4478

■ 32.7503, 0.3048,
0.3888

■ 29.0487, 0.2967,
0.4793

■ 34.4834, 0.3079,
0.3629

■ 28.2691, 0.2952,
0.5103


■ 36.4863, 0.3111,
0.3398


■ 27.6905, 0.2945,
0.5389


■ 38.7697, 0.3142,
0.3195


■ 27.2941, 0.2949,
0.5631

■ 41.3439, 0.3171,
0.3018

 27.0565, 0.2962,
0.5813

 44.2187, 0.3198,
0.2864

 26.9741, 0.2967,
0.5881

 47.4033, 0.3223,
0.2732

 50.9067, 0.3247,
0.2617

 54.6448, 0.3264,
0.2517

Harmonies

Analogous

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



31.2739, 0.3575, 0.4331



31.2739, 0.3017, 0.4173



31.2739, 0.2515, 0.3692

Triad

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



31.2739, 0.3017, 0.4173



31.2739, 0.2254, 0.2427



31.2739, 0.4154, 0.3330

Complementary

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



31.2739, 0.3017, 0.4173



20.9460, 0.3262, 0.2544

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.



31.2739, 0.3734, 0.2911



31.2739, 0.3017, 0.4173



31.2739, 0.2621, 0.2410

Square

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



31.2739, 0.3017, 0.4173



31.2739, 0.2106, 0.2661



31.2739, 0.3157, 0.2585



31.2739, 0.4262, 0.3773

Rectangle

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



31.2739, 0.3017, 0.4173



31.2739, 0.2276, 0.3300



31.2739, 0.3157, 0.2585



31.2739, 0.4043, 0.3184

Sweetspot

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



31.2752, 0.3017, 0.4173



63.1139, 0.3092, 0.3534



35.1697, 0.3565, 0.4170



13.7007, 0.3088, 0.3564



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.



31.2752, 0.3017, 0.4173



54.2931, 0.2996, 0.4404



32.0432, 0.2796, 0.3652



7.9102, 0.3098, 0.3489



20.4086, 0.2964, 0.5869



0.4332, 0.2832, 0.5395

Inverse Universe

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



20.9460, 0.3262, 0.2544



33.0552, 0.3298, 0.2388



20.0768, 0.3639, 0.2959



7.1853, 0.3157, 0.3098



7.5400, 0.3583, 0.1748



0.1628, 0.3430, 0.1663

Previews

White Background



This preview shows how the Yxy color 31.2739, 0.3017, 0.4173 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 31.2739, 0.3017, 0.4173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

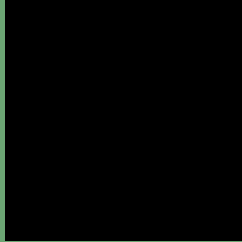
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2739, 0.3017, 0.4173

Background



This preview shows how black text looks on a background with the Yxy color 31.2739, 0.3017, 0.4173.



This preview shows how white text looks on a background with the Yxy color 31.2739, 0.3017, 0.4173.

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

31.2739, 0.3017, 0.4173

Protanopia

31.0239, 0.3667, 0.3933

Deuteranopia

30.8128, 0.3737, 0.3672



Tritanopia

31.2455, 0.2667, 0.3081

Trichromacy



Original Color

31.2739, 0.3017, 0.4173

Protanomaly

30.7643, 0.3412, 0.4024

Deuteranomaly

30.3438, 0.3444, 0.3833

Tritanomaly

31.3015, 0.2790, 0.3456

Monochromacy



Original Color

31.2739, 0.3017, 0.4173

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

28.1458, 0.3083, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2739, 0.3017, 0.4173 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(107, 165, 115)` looks like.

```
.text, #text, p{  
    color:rgb(107, 165, 115)  
}
```

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(107, 165, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 165, 115) }
```

Border

The CSS property to change the border of an element to Yxy 31.2739, 0.3017, 0.4173 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(107, 165, 115) }
```

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

```
.border{ border-color:rgb(107, 165, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 165, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 165, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 165, 115);  
box-shadow:4px 4px 4px 4px rgb(107, 165,  
115) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.2739, 0.3017, 0.4173$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 165, 115) }
```

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

```
.background{ background-color: rgb(107,  
165, 115) }
```

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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