

Converting Colors

$Yxy(29.0656, 0.3058, 0.4076)$

Have a look what the booklet for
Yxy(29.0656, 0.3058, 0.4076)
contains.

Yxy(29.0481, 0.3063, 0.4077)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.0481, 0.3063, 0.4077)

Conversions

Conversions Part 1

Format	Color
Hex	6F9E72
RGB	111, 158, 114
RGB Percent	44%, 62%, 45%
CMY	0.5645, 0.3804, 0.5529
CMYK	0.30, 0.00, 0.28, 0.38
HSL	124°, 19%, 53%
HSV	124°, 30%, 62%
XYZ	21.8235, 29.0481, 20.3771
YIQ	138.9310, -13.8880, -23.6480

Conversions

Conversions Part 2

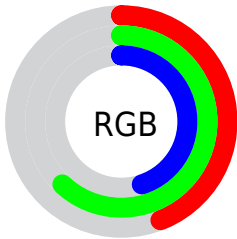
Format	Color
RYB	111, 155, 158
Decimal	7315058
CIELab	60.82, -24.97, 18.06
CIElCh	61, 30.811, 144.125
Yxy	29.0481, 0.3063, 0.4077
Android (android.graphics.Color)	4285505138 (0xFF6F9E72)
YUV	138.9310, -12.2910, -24.4955
Hunter-Lab	53.8963, -22.0410, 15.3110

Details

The Yxy color $29.0481, 0.3063, 0.4077$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.0139, 0.3196, 0.2612$, and the grayscale version is $25.8466, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.2342, 0.3084, 0.3905$, and $11.6935, 0.3015, 0.4373$ is the 20% darker color. If you saturate the color by 10%, you get $27.8027, 0.3041, 0.4396$, and if you desaturate by 10%, it is $30.5318, 0.3085, 0.3783$.

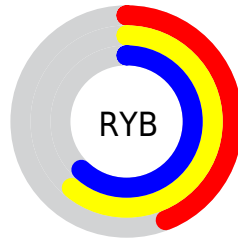
Distribution



Red (44%)

Green (62%)

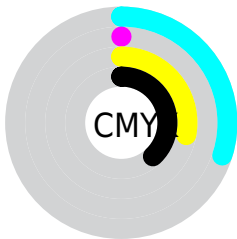
Blue (45%)



Red (44%)

Yellow (61%)

Blue (62%)

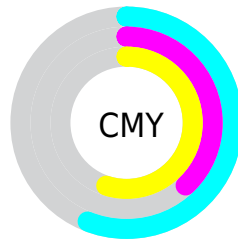


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (38%)



Cyan (56%)


Magenta (38%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0481, 0.3063, 0.4077 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 29.0481, 0.3063, 0.4077 by changing the saturation by 10% instead.


 29.0481, 0.3063,
0.4077


 29.0481, 0.3063,
0.4077

297.4418, 0.3107,
0.3635


 19.1172, 0.3046,
0.4207


 58.1535, 0.3083,
0.3903


 11.7550, 0.3020,
0.4387


 78.0968, 0.3089,
0.3842

 6.5771, 0.2976,
0.4653


 102.1464, 0.3094,
0.3792

 3.1990, 0.2891,
0.5082

 130.6866, 0.3098,
0.3750

 1.2365, 0.2928,
0.6838

164.1018, 0.3101,
0.3714

 0.0912, 0.0000,
1.0000

202.7765, 0.3103,

 0.0000, 0.0000,

0.3684

0.0000

247.0951, 0.3105,
0.3658

■ 29.0481, 0.3063,
0.4077

■ 29.0481, 0.3063,
0.4077

■ 27.8027, 0.3041,
0.4396

■ 30.5318, 0.3085,
0.3783

■ 26.7798, 0.3021,
0.4730

■ 32.2614, 0.3107,
0.3518

■ 25.9673, 0.3004,
0.5061

■ 34.2487, 0.3128,
0.3284

■ 25.3506, 0.2991,
0.5370

■ 36.5037, 0.3147,
0.3080

■ 24.9131, 0.2985,
0.5632

■ 39.0357, 0.3164,
0.2903

■ 24.6355, 0.2985,
0.5827

■ 41.8539, 0.3180,
0.2751

■ 24.4778, 0.2987,
0.5950

■ 44.9666, 0.3195,
0.2619

■ 24.4741, 0.2987,
0.5952

■ 48.3822, 0.3208,
0.2506

■ 52.1084, 0.3220,
0.2409

Harmonies

Analogous

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



29.0481, 0.3558, 0.4205



29.0481, 0.3063, 0.4077



29.0481, 0.2608, 0.3672

Triad

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



29.0481, 0.3063, 0.4077



29.0481, 0.2334, 0.2527



29.0481, 0.4018, 0.3311

Complementary

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



29.0481, 0.3063, 0.4077



21.0139, 0.3196, 0.2612

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.



29.0481, 0.3637, 0.2934



29.0481, 0.3063, 0.4077



29.0481, 0.2656, 0.2498

Square

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



29.0481, 0.3063, 0.4077



29.0481, 0.2212, 0.2754



29.0481, 0.3127, 0.2646



29.0481, 0.4133, 0.3709

Rectangle

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



29.0481, 0.3063, 0.4077



29.0481, 0.2385, 0.3333



29.0481, 0.3127, 0.2646



29.0481, 0.3916, 0.3179

Sweetspot

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



29.0493, 0.3063, 0.4077



58.7742, 0.3108, 0.3504



32.6336, 0.3539, 0.4019



13.1456, 0.3105, 0.3539



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.0493, 0.3063, 0.4077



51.1318, 0.3048, 0.4298



29.6366, 0.2874, 0.3657



7.4075, 0.3108, 0.3506



19.6047, 0.2985, 0.5946



0.3523, 0.2915, 0.5692

Inverse Universe

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



21.0139, 0.3196, 0.2612



34.0128, 0.3214, 0.2455



20.3169, 0.3482, 0.2952



6.7473, 0.3147, 0.3083



7.5370, 0.3371, 0.1630



0.1367, 0.3300, 0.1591

Previews

White Background



This preview shows how the Yxy color 29.0481, 0.3063, 0.4077 looks on a white 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

Black Background



This preview shows how the Yxy color 29.0481, 0.3063, 0.4077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

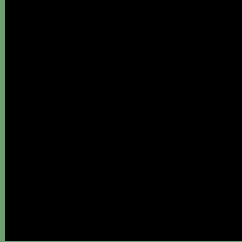
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0481, 0.3063, 0.4077

Background



This preview shows how black text looks on a background with the Yxy color 29.0481, 0.3063, 0.4077.



This preview shows how white text looks on a background with the Yxy color 29.0481, 0.3063, 0.4077.

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

29.0481, 0.3063, 0.4077

Protanopia

28.8300, 0.3622, 0.3876

Deuteranopia

28.6102, 0.3701, 0.3624



Tritanopia

29.1299, 0.2726, 0.3092

Trichromacy



Original Color

29.0481, 0.3063, 0.4077

Protanomaly

28.5358, 0.3398, 0.3943

Deuteranomaly

28.5414, 0.3447, 0.3778

Tritanomaly

28.9684, 0.2848, 0.3426

Monochromacy



Original Color

29.0481, 0.3063, 0.4077

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.8366, 0.3104, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0481, 0.3063, 0.4077 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(111, 158, 114)` looks like.

```
.text, #text, p{  
    color:rgb(111, 158, 114)  
}
```

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(111, 158, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 158, 114) }
```

Border

The CSS property to change the border of an element to Yxy 29.0481, 0.3063, 0.4077 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(111, 158, 114) }
```

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

```
.border{ border-color:rgb(111, 158, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 158, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 158, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 158, 114);  
box-shadow:4px 4px 4px 4px rgb(111, 158,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0481, 0.3063, 0.4077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 158, 114) }
```

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

```
.background{ background-color: rgb(111,  
158, 114) }
```

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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