

Converting Colors

$Yxy(29.2604, 0.2864, 0.4028)$

Have a look what the booklet for
Yxy(29.2604, 0.2864, 0.4028)
contains.

Yxy(29.2499, 0.2863, 0.4023)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(29.2499, 0.2863, 0.4023)$

Conversions

Conversions Part 1

Format	Color
Hex	5EA179
RGB	94, 161, 121
RGB Percent	37%, 63%, 47%
CMY	0.6312, 0.3686, 0.5254
CMYK	0.42, 0.00, 0.25, 0.37
HSL	144°, 26%, 50%
HSV	144°, 42%, 63%
XYZ	20.8159, 29.2499, 22.6409
YIQ	136.4070, -27.0920, -26.6440

Conversions

Conversions Part 2

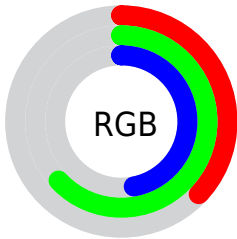
Format	Color
R_{YB}	94, 142, 161
Decimal	6201721
CIE _{Lab}	61.00, -30.52, 14.27
CIE _{LCh}	61, 33.691, 154.934
Yxy	29.2499, 0.2863, 0.4023
Android (android.graphics.Color)	4284391801 (0xFF5EA179)
YUV	136.4070, -7.5957, -37.1909
Hunter-Lab	54.0832, -25.9432, 13.0376

Details

The Yxy color **29.2499, 0.2863, 0.4023** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.3121, 0.3539, 0.2663**, and the grayscale version is **24.8224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3319, 0.2924, 0.3865**, and **11.8974, 0.2759, 0.4324** is the 20% darker color. If you saturate the color by 10%, you get **28.2621, 0.2816, 0.4240**, and if you desaturate by 10%, it is **30.4411, 0.2919, 0.3820**.

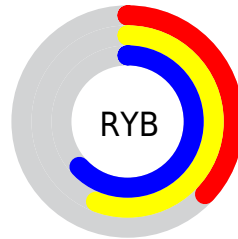
Distribution



Red (37%)

Green (63%)

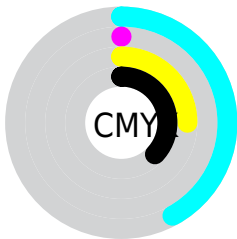
Blue (47%)



Red (37%)

Yellow (56%)

Blue (63%)

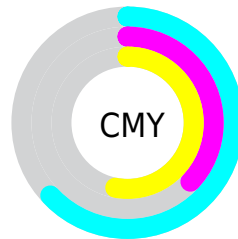


Cyan (42%)

Magenta (0%)

Yellow (25%)

Black (37%)



Cyan (63%)


Magenta (37%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2499, 0.2863, 0.4023 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 29.2499, 0.2863, 0.4023 by changing the saturation by 10% instead.


 29.2499, 0.2863,
0.4023


 29.2499, 0.2863,
0.4023


298.3922, 0.3014,
0.3611

 19.2699, 0.2818,
0.4144


 58.4739, 0.2923,
0.3861

 11.8655, 0.2754,
0.4313


 78.4867, 0.2944,
0.3803

 6.6522, 0.2658,
0.4564


 102.6126, 0.2961,
0.3757

 3.2455, 0.2498,
0.4970

 131.2360, 0.2975,
0.3718

 1.2612, 0.2061,
0.6300

164.7413, 0.2987,
0.3685

 0.1109, 0.0000,
1.0000

203.5128, 0.2997,

 0.0000, 0.0000,

0.3657

0.0000

247.9350, 0.3006,
0.3632

■ 29.2499, 0.2863,
0.4023

■ 29.2499, 0.2863,
0.4023

■ 28.2621, 0.2816,
0.4240

■ 30.4411, 0.2919,
0.3820

■ 27.4624, 0.2783,
0.4467

■ 31.8431, 0.2982,
0.3633

■ 26.8389, 0.2764,
0.4696


■ 33.4669, 0.3048,
0.3464


■ 26.3766, 0.2764,
0.4922


■ 35.3220, 0.3116,
0.3312

■ 26.0583, 0.2782,
0.5134


■ 37.4173, 0.3184,
0.3178

 25.8682, 0.2805,
0.5300

 39.7610, 0.3251,
0.3060

 42.3611, 0.3316,
0.2956

 45.2252, 0.3378,
0.2865

 48.3606, 0.3436,
0.2786

Harmonies

Analogous

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



29.2499, 0.3401, 0.4283



29.2499, 0.2863, 0.4023



29.2499, 0.2420, 0.3506

Triad

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



29.2499, 0.2863, 0.4023



29.2499, 0.2370, 0.2429



29.2499, 0.4183, 0.3463

Complementary

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



29.2499, 0.2863, 0.4023



17.3121, 0.3539, 0.2663

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.



29.2499, 0.3859, 0.3041



29.2499, 0.2863, 0.4023



29.2499, 0.2783, 0.2472

Square

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



29.2499, 0.2863, 0.4023



29.2499, 0.2159, 0.2592



29.2499, 0.3330, 0.2691



29.2499, 0.4187, 0.3882

Rectangle

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



29.2499, 0.2863, 0.4023



29.2499, 0.2231, 0.3136



29.2499, 0.3330, 0.2691



29.2499, 0.4108, 0.3319

Sweetspot

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



29.2511, 0.2863, 0.4023



59.7415, 0.3044, 0.3474



31.3833, 0.3451, 0.4397



13.0220, 0.3036, 0.3493



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.



29.2511, 0.2863, 0.4023



50.7220, 0.2819, 0.4226



30.2135, 0.2617, 0.3404



7.9401, 0.3064, 0.3427



20.6690, 0.2801, 0.5284



0.4435, 0.2596, 0.4547

Inverse Universe

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



17.3121, 0.3539, 0.2663



26.3713, 0.3672, 0.2528



16.5245, 0.4055, 0.3185



7.1536, 0.3196, 0.3157



6.7366, 0.4521, 0.2264



0.1505, 0.3937, 0.1942

Previews

White Background



This preview shows how the Yxy color 29.2499, 0.2863, 0.4023 looks on a white background.

Color Contrast Check

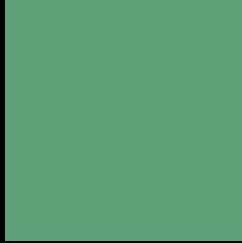
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2499, 0.2863, 0.4023 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 29.2499, 0.2863, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 29.2499, 0.2863, 0.4023.



This preview shows how white text looks on a background with the Yxy color 29.2499, 0.2863, 0.4023.

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

29.2499, 0.2863, 0.4023

Protanopia

28.8406, 0.3559, 0.3798

Deuteranopia

28.8553, 0.3598, 0.3534



Tritanopia

29.2360, 0.2590, 0.3088

Trichromacy



Original Color

29.2499, 0.2863, 0.4023

Protanomaly

28.4041, 0.3263, 0.3870

Deuteranomaly

28.2978, 0.3287, 0.3689

Tritanomaly

29.0827, 0.2689, 0.3411

Monochromacy



Original Color

29.2499, 0.2863, 0.4023

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.9544, 0.3013, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2499, 0.2863, 0.4023 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(94, 161, 121)` looks like.

```
.text, #text, p{  
  color:rgb(94, 161, 121)  
}
```

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(94, 161, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 161, 121) }
```

Border

The CSS property to change the border of an element to Yxy 29.2499, 0.2863, 0.4023 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(94, 161, 121) }
```

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

```
.border{ border-color:rgb(94, 161, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 161, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 161, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 161, 121);  
box-shadow:4px 4px 4px 4px rgb(94, 161,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2499, 0.2863, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 161, 121) }
```

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

```
.background{ background-color: rgb(94, 161,  
121) }
```

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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