

Converting Colors

$Y_{xy}(29.6255, 0.2920, 0.3915)$

Have a look what the booklet for
Yxy(29.6255, 0.2920, 0.3915)
contains.

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Color

$\text{Yxy}(29.6255, 0.2920, 0.3915)$

Conversions

Conversions Part 1

Format	Color
Hex	69A07D
RGB	105, 160, 125
RGB Percent	41%, 63%, 49%
CMY	0.5883, 0.3725, 0.5099
CMYK	0.34, 0.00, 0.22, 0.37
HSL	142°, 22%, 52%
HSV	142°, 34%, 63%
XYZ	22.0962, 29.6255, 23.9501
YIQ	139.5650, -21.5450, -22.5450

Conversions

Conversions Part 2

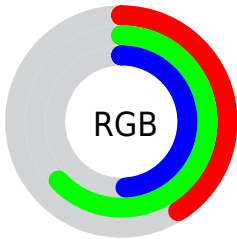
Format	Color
RYB	105, 145, 160
Decimal	6922365
CIELab	61.33, -25.88, 12.60
CIElCh	61, 28.780, 154.041
Yxy	29.6255, 0.2920, 0.3915
Android (android.graphics.Color)	4285112445 (0xFF69A07D)
YUV	139.5650, -7.1805, -30.3135
Hunter-Lab	54.4293, -22.7873, 12.0116

Details

The Yxy color $29.6255, 0.2920, 0.3915$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.4688, 0.3418, 0.2740$, and the grayscale version is $26.0817, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.0843, 0.2965, 0.3773$, and $12.0592, 0.2839, 0.4154$ is the 20% darker color. If you saturate the color by 10%, you get $28.5003, 0.2870, 0.4137$, and if you desaturate by 10%, it is $30.9621, 0.2977, 0.3710$.

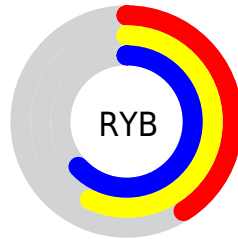
Distribution



Red (41%)

Green (63%)

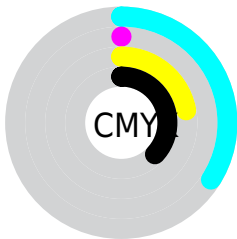
Blue (49%)



Red (41%)

Yellow (57%)

Blue (63%)

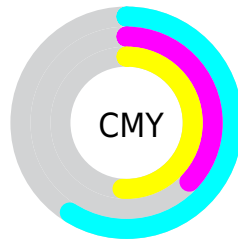


Cyan (34%)

Magenta (0%)

Yellow (22%)

Black (37%)



Cyan (59%)


Magenta (37%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6255, 0.2920, 0.3915 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 29.6255, 0.2920, 0.3915 by changing the saturation by 10% instead.


 29.6255, 0.2920,
0.3915


 29.6255, 0.2920,
0.3915


300.1549, 0.3038,
0.3566


 19.5545, 0.2885,
0.4017


 59.0694, 0.2967,
0.3778


 12.0716, 0.2836,
0.4157


 79.2111, 0.2983,
0.3730

 6.7925, 0.2762,
0.4365


 103.4786, 0.2996,
0.3690

 3.3327, 0.2639,
0.4699

 132.2561, 0.3007,
0.3657

 1.3078, 0.2382,
0.5557

165.9281, 0.3017,
0.3629

 0.1472, 0.0000,
1.0000

204.8789, 0.3025,

 0.0000, 0.0000,

0.3605

0.0000

249.4931, 0.3032,
0.3584

■ 29.6255, 0.2920,
0.3915

■ 29.6255, 0.2920,
0.3915

■ 28.5003, 0.2870,
0.4137

■ 30.9621, 0.2977,
0.3710

■ 27.5719, 0.2830,
0.4372

■ 32.5167, 0.3037,
0.3524

■ 26.8292, 0.2803,
0.4615


■ 34.3000, 0.3100,
0.3357


■ 26.2589, 0.2792,
0.4857


■ 36.3210, 0.3162,
0.3209

■ 25.8456, 0.2798,
0.5089

■ 38.5882, 0.3224,
0.3079

 25.5706, 0.2821,
0.5302

 41.1096, 0.3283,
0.2964

 25.4510, 0.2837,
0.5412

 43.8929, 0.3340,
0.2864

 46.9454, 0.3394,
0.2777

 50.2742, 0.3445,
0.2701

Harmonies

Analogous

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



29.6255, 0.3382, 0.4129



29.6255, 0.2920, 0.3915



29.6255, 0.2532, 0.3491

Triad

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



29.6255, 0.2920, 0.3915



29.6255, 0.2468, 0.2549



29.6255, 0.4020, 0.3437

Complementary

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



29.6255, 0.2920, 0.3915



19.4688, 0.3418, 0.2740

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.



29.6255, 0.3738, 0.3070



29.6255, 0.2920, 0.3915



29.6255, 0.2823, 0.2578

Square

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



29.6255, 0.2920, 0.3915



29.6255, 0.2288, 0.2702



29.6255, 0.3289, 0.2765



29.6255, 0.4036, 0.3799

Rectangle

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



29.6255, 0.2920, 0.3915



29.6255, 0.2362, 0.3180



29.6255, 0.3289, 0.2765



29.6255, 0.3953, 0.3312

Sweetspot

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



29.6267, 0.2920, 0.3915



60.3415, 0.3063, 0.3452



31.8044, 0.3430, 0.4185



13.1422, 0.3055, 0.3474



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.



29.6267, 0.2920, 0.3915



52.2390, 0.2882, 0.4078



30.4054, 0.2712, 0.3430



7.4389, 0.3069, 0.3436



19.8320, 0.2832, 0.5395



0.3624, 0.2613, 0.4606

Inverse Universe

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



19.4688, 0.3418, 0.2740



31.0395, 0.3503, 0.2621



18.7727, 0.3792, 0.3158



6.7136, 0.3190, 0.3149



6.5754, 0.4363, 0.2177



0.1254, 0.3804, 0.1869

Previews

White Background



This preview shows how the Yxy color 29.6255, 0.2920, 0.3915 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 29.6255, 0.2920, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

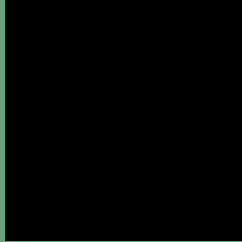
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6255, 0.2920, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 29.6255, 0.2920, 0.3915.

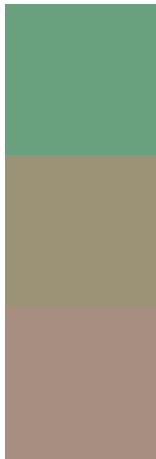


This preview shows how white text looks on a background with the Yxy color 29.6255, 0.2920, 0.3915.

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

29.6255, 0.2920, 0.3915

Protanopia

29.2673, 0.3505, 0.3733

Deuteranopia

29.2558, 0.3551, 0.3488



Tritanopia

29.4786, 0.2657, 0.3075

Trichromacy



Original Color

29.6255, 0.2920, 0.3915

Protanomaly

29.1553, 0.3265, 0.3809

Deuteranomaly

29.0731, 0.3288, 0.3632

Tritanomaly

29.4234, 0.2751, 0.3357

Monochromacy



Original Color

29.6255, 0.2920, 0.3915

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.1287, 0.3036, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6255, 0.2920, 0.3915 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(105, 160, 125)` looks like.

```
.text, #text, p{  
    color:rgb(105, 160, 125)  
}
```

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(105, 160, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 160, 125) }
```

Border

The CSS property to change the border of an element to Yxy 29.6255, 0.2920, 0.3915 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(105, 160, 125) }
```

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

```
.border{ border-color:rgb(105, 160, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 160, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 160, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 160, 125);  
box-shadow:4px 4px 4px 4px rgb(105, 160,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6255, 0.2920, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 160, 125) }
```

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

```
.background{ background-color: rgb(105,  
160, 125) }
```

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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