

Converting Colors

$Y_{xy}(26.7538, 0.3651, 0.4150)$

Have a look what the booklet for
Yxy(26.7538, 0.3651, 0.4150)
contains.

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Color

$\text{Yxy}(26.6661, 0.3642, 0.4142)$

Conversions

Conversions Part 1

Format	Color
Hex	90905D
RGB	144, 144, 93
RGB Percent	56%, 56%, 36%
CMY	0.4354, 0.4352, 0.6353
CMYK	0.00, 0.00, 0.35, 0.44
HSL	60°, 22%, 46%
HSV	60°, 35%, 56%
XYZ	23.4471, 26.6661, 14.2666
YIQ	138.1860, 16.3710, -15.8610

Conversions

Conversions Part 2

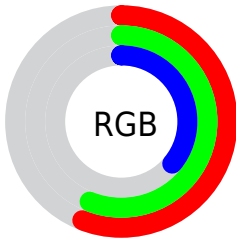
Format	Color
R _Y B	93, 144, 93
Decimal	9474141
CIE Lab	58.66, -8.24, 27.15
CIE LCh	59, 28.373, 106.891
Yxy	26.6661, 0.3642, 0.4142
Android (android.graphics.Color)	4287664221 (0xFF90905D)
YUV	138.1860, -22.2767, 5.0989
Hunter-Lab	51.6392, -9.3196, 19.7672

Details

The Yxy color $26.6661, 0.3642, 0.4142$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.1715, 0.2509, 0.2268$, and the grayscale version is $25.5715, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5439, 0.3543, 0.3962$, and $10.5298, 0.3805, 0.4446$ is the 20% darker color. If you saturate the color by 10%, you get $26.4347, 0.3778, 0.4368$, and if you desaturate by 10%, it is $26.9480, 0.3498, 0.3903$.

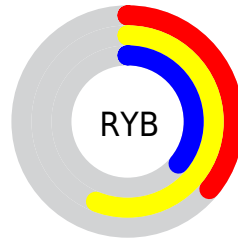
Distribution



Red (56%)

Green (56%)

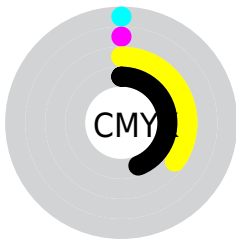
Blue (36%)



Red (36%)

Yellow (56%)

Blue (36%)

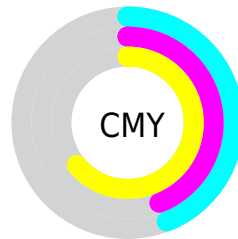


Cyan (0%)

Magenta (0%)

Yellow (35%)

Black (44%)



Cyan (44%)


Magenta (44%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6661, 0.3642, 0.4142 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 26.6661, 0.3642, 0.4142 by changing the saturation by 10% instead.


 26.6661, 0.3642,
0.4142


 26.6661, 0.3642,
0.4142


286.0368, 0.3370,
0.3672


 17.3226, 0.3712,
0.4274


 54.3476, 0.3541,
0.3961


 10.4648, 0.3801,
0.4450


 73.4544, 0.3503,
0.3896

 5.7082, 0.3915,
0.4697


 96.5844, 0.3472,
0.3842

 2.6685, 0.4146,
0.5172

 124.1221, 0.3446,
0.3797

 0.9612, 0.4250,
0.5750

156.4517, 0.3423,
0.3759

 0.0000, 0.0000,
0.0000

193.9578, 0.3403,

0.3726

237.0247, 0.3385,
0.3697

■ 26.6661, 0.3642,
0.4142

■ 26.6661, 0.3642,
0.4142

■ 26.4347, 0.3778,
0.4368

■ 26.9480, 0.3498,
0.3903

■ 26.2475, 0.3901,
0.4572

■ 27.2792, 0.3350,
0.3659

■ 26.1026, 0.4006,
0.4745

■ 27.6633, 0.3204,
0.3418

■ 25.9968, 0.4088,
0.4881

■ 28.1024, 0.3063,
0.3185

■ 25.9263, 0.4146,
0.4976

■ 28.5986, 0.2930,
0.2964

■ 25.8856, 0.4179,
0.5033

■ 29.1540, 0.2805,
0.2757

■ 25.8708, 0.4192,
0.5054

■ 29.7702, 0.2690,
0.2566

■ 30.4491, 0.2584,
0.2392

■ 31.1924, 0.2488,
0.2233

Harmonies

Analogous

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



26.6661, 0.3977, 0.3943



26.6661, 0.3642, 0.4142



26.6661, 0.3183, 0.4089

Triad

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



26.6661, 0.3642, 0.4142



26.6661, 0.2259, 0.2863



26.6661, 0.3500, 0.2876

Complementary

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



26.6661, 0.3642, 0.4142



12.1715, 0.2509, 0.2268

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.



26.6661, 0.3012, 0.2628



26.6661, 0.3642, 0.4142



26.6661, 0.2326, 0.2600

Square

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



26.6661, 0.3642, 0.4142



26.6661, 0.2399, 0.3288



26.6661, 0.2590, 0.2526



26.6661, 0.3903, 0.3221

Rectangle

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



26.6661, 0.3642, 0.4142



26.6661, 0.2872, 0.3895



26.6661, 0.2590, 0.2526



26.6661, 0.3338, 0.2780

Sweetspot

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



26.6673, 0.3642, 0.4142



48.3782, 0.3289, 0.3557



14.5491, 0.3936, 0.3292



11.0760, 0.3306, 0.3586



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.6673, 0.3642, 0.4142



46.6743, 0.3758, 0.4334



24.6274, 0.3349, 0.4232



6.2852, 0.3259, 0.3508



22.5248, 0.4192, 0.5054



0.2154, 0.4193, 0.5053

Inverse Universe

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



12.1715, 0.2509, 0.2268



16.9557, 0.2334, 0.1978



13.7295, 0.2824, 0.2351



5.2552, 0.2990, 0.3063



1.7542, 0.1500, 0.0600



0.0168, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 26.6661, 0.3642, 0.4142 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 26.6661, 0.3642, 0.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

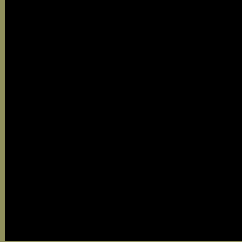
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6661, 0.3642, 0.4142

Background



This preview shows how black text looks on a background with the Yxy color 26.6661, 0.3642, 0.4142.



This preview shows how white text looks on a background with the Yxy color 26.6661, 0.3642, 0.4142.

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

26.6661, 0.3642, 0.4142

Protanopia

26.5948, 0.3775, 0.4082

Deuteranopia

26.5892, 0.3972, 0.3898



Tritanopia

26.5135, 0.3157, 0.3116

Trichromacy



Original Color

26.6661, 0.3642, 0.4142

Protanomaly

26.6027, 0.3734, 0.4107

Deuteranomaly

26.4587, 0.3856, 0.3984

Tritanomaly

26.6106, 0.3340, 0.3487

Monochromacy



Original Color

26.6661, 0.3642, 0.4142

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.7368, 0.3312, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6661, 0.3642, 0.4142 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(144, 144, 93)` looks like.

```
.text, #text, p{  
    color:rgb(144, 144, 93)  
}
```

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(144, 144, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 144, 93) }
```

Border

The CSS property to change the border of an element to Yxy 26.6661, 0.3642, 0.4142 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(144, 144, 93) }
```

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

```
.border{ border-color:rgb(144, 144, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 144, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 144, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 144, 93);  
box-shadow:4px 4px 4px 4px rgb(144, 144,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6661, 0.3642, 0.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 144, 93) }
```

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

```
.background{ background-color: rgb(144,  
144, 93) }
```

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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