

Converting Colors

$Y_{xy}(29.5858, 0.3663, 0.4059)$

Have a look what the booklet for
Yxy(29.5858, 0.3663, 0.4059)
contains.

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Color

Yxy(29.7208, 0.3661, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	9B9665
RGB	155, 150, 101
RGB Percent	61%, 59%, 40%
CMY	0.3921, 0.4118, 0.6039
CMYK	0.00, 0.03, 0.35, 0.39
HSL	54°, 21%, 50%
HSV	54°, 35%, 61%
XYZ	26.7736, 29.7208, 16.6375
YIQ	145.9090, 18.7090, -14.1790

Conversions

Conversions Part 2

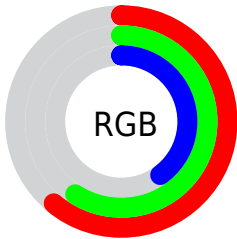
Format	Color
RYB	107, 155, 101
Decimal	10196581
CIELab	61.41, -5.91, 26.55
CIELCh	61, 27.197, 102.556
Yxy	29.7208, 0.3661, 0.4064
Android (android.graphics.Color)	4288386661 (0xFF9B9665)
YUV	145.9090, -22.1401, 7.9728
Hunter-Lab	54.5168, -7.7417, 20.0675

Details

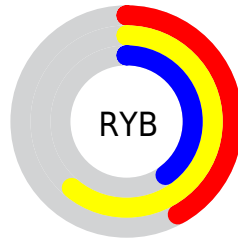
The Yxy color $29.7208, 0.3661, 0.4064$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.4425, 0.2529, 0.2375$, and the grayscale version is $28.7929, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.1544, 0.3559, 0.3910$, and $12.0643, 0.3835, 0.4325$ is the 20% darker color. If you saturate the color by 10%, you get $28.9909, 0.3815, 0.4277$, and if you desaturate by 10%, it is $30.5163, 0.3504, 0.3841$.

Distribution



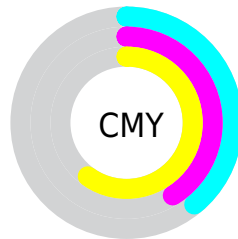
- Red (61%)
- Green (59%)
- Blue (40%)



- Red (42%)
- Yellow (61%)
- Blue (40%)



- Cyan (0%)
- Magenta (3%)
- Yellow (35%)
- Black (39%)




- Cyan (39%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7208, 0.3661, 0.4064 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 29.7208, 0.3661, 0.4064 by changing the saturation by 10% instead.


 29.7208, 0.3661,
0.4064


 29.7208, 0.3661,
0.4064


300.6009, 0.3381,
0.3646


 19.6268, 0.3733,
0.4177


 59.2204, 0.3557,
0.3905

 12.1240, 0.3826,
0.4328


 79.3947, 0.3519,
0.3848

 6.8282, 0.3946,
0.4534


 103.6979, 0.3486,
0.3800

 3.3549, 0.4113,
0.4841

 132.5143, 0.3459,
0.3759

 1.3197, 0.4490,
0.5510

166.2285, 0.3435,
0.3725

 0.1564, 0.0268,
0.9732

205.2247, 0.3415,

 0.0000, 0.0000,

0.3695

0.0000

249.8873, 0.3397,
0.3669

■ 29.7208, 0.3661,
0.4064

■ 29.7208, 0.3661,
0.4064

■ 28.9909, 0.3815,
0.4277

■ 30.5163, 0.3504,
0.3841

■ 28.3193, 0.3960,
0.4471

■ 31.3764, 0.3348,
0.3615

■ 27.7039, 0.4089,
0.4637


■ 32.3052, 0.3197,
0.3394

■ 27.1405, 0.4197,
0.4767

■ 33.3054, 0.3055,
0.3182

■ 26.6247, 0.4281,
0.4855

■ 34.3793, 0.2922,
0.2981


 26.1506, 0.4338,
0.4901

 35.5294, 0.2799,
0.2794

 25.9146, 0.4363,
0.4918

 36.7579, 0.2687,
0.2622

 38.0669, 0.2585,
0.2464

 39.4585, 0.2493,
0.2320

Harmonies

Analogous

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



29.7208, 0.3944, 0.3859



29.7208, 0.3661, 0.4064



29.7208, 0.3246, 0.4048

Triad

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



29.7208, 0.3661, 0.4064



29.7208, 0.2326, 0.2947



29.7208, 0.3409, 0.2865

Complementary

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



29.7208, 0.3661, 0.4064



15.4425, 0.2529, 0.2375

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.



29.7208, 0.2959, 0.2650



29.7208, 0.3661, 0.4064



29.7208, 0.2361, 0.2675

Square

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



29.7208, 0.3661, 0.4064



29.7208, 0.2486, 0.3354



29.7208, 0.2583, 0.2579



29.7208, 0.3801, 0.3178

Rectangle

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



29.7208, 0.3661, 0.4064



29.7208, 0.2954, 0.3893



29.7208, 0.2583, 0.2579



29.7208, 0.3258, 0.2780

Sweetspot

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



29.7222, 0.3661, 0.4064



56.9447, 0.3277, 0.3512



17.3257, 0.3843, 0.3202



12.8403, 0.3297, 0.3541



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.7222, 0.3661, 0.4064



52.1717, 0.3784, 0.4235



29.4035, 0.3404, 0.4204



7.1250, 0.3262, 0.3490



20.8426, 0.4361, 0.4919



0.3363, 0.4278, 0.4985

Inverse Universe

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



15.4425, 0.2529, 0.2375



22.5952, 0.2369, 0.2124



15.8561, 0.2763, 0.2345



6.1138, 0.2988, 0.3082



2.1885, 0.1523, 0.0681



0.0541, 0.1624, 0.1047

Previews

White Background



This preview shows how the Yxy color 29.7208, 0.3661, 0.4064 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 29.7208, 0.3661, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

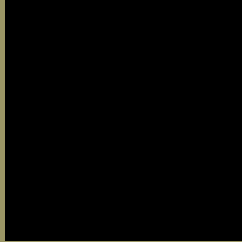
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7208, 0.3661, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 29.7208, 0.3661, 0.4064.



This preview shows how white text looks on a background with the Yxy color 29.7208, 0.3661, 0.4064.

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

29.7208, 0.3661, 0.4064

Protanopia

29.6770, 0.3749, 0.4032

Deuteranopia

29.6724, 0.3935, 0.3859



Tritanopia

29.5885, 0.3199, 0.3110

Trichromacy



Original Color

29.7208, 0.3661, 0.4064

Protanomaly

29.7859, 0.3721, 0.4053

Deuteranomaly

29.6451, 0.3836, 0.3937

Tritanomaly

29.6780, 0.3376, 0.3461

Monochromacy



Original Color

29.7208, 0.3661, 0.4064

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.8687, 0.3316, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7208, 0.3661, 0.4064 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(155, 150, 101)` looks like.

```
.text, #text, p{  
    color:rgb(155, 150, 101)  
}
```

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(155, 150, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 150, 101) }
```

Border

The CSS property to change the border of an element to Yxy 29.7208, 0.3661, 0.4064 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(155, 150, 101) }
```

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

```
.border{ border-color:rgb(155, 150, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 150, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 150, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 150, 101);  
box-shadow:4px 4px 4px 4px rgb(155, 150,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7208, 0.3661, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 150, 101) }
```

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

```
.background{ background-color: rgb(155,  
150, 101) }
```

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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