

Converting Colors

Yxy(30.4025, 0.3761, 0.4094)

Have a look what the booklet for
Yxy(30.4025, 0.3761, 0.4094)
contains.

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Color

Yxy(30.2716, 0.3757, 0.4090)

Conversions

Conversions Part 1

Format	Color
Hex	A19662
RGB	161, 150, 98
RGB Percent	63%, 59%, 38%
CMY	0.3687, 0.4117, 0.6156
CMYK	0.00, 0.07, 0.39, 0.37
HSL	50°, 25%, 51%
HSV	50°, 39%, 63%
XYZ	27.8069, 30.2716, 15.9351
YIQ	147.3610, 23.2480, -13.8400

Conversions

Conversions Part 2

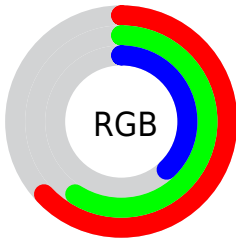
Format	Color
RYB	111, 161, 98
Decimal	10589794
CIELab	61.89, -3.80, 28.89
CIELCh	62, 29.141, 97.487
Yxy	30.2716, 0.3757, 0.4090
Android (android.graphics.Color)	4288779874 (0xFFA19662)
YUV	147.3610, -24.3350, 11.9614
Hunter-Lab	55.0196, -6.0704, 21.3418

Details

The Yxy color **30.2716, 0.3757, 0.4090** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1045, 0.2456, 0.2335**, and the grayscale version is **29.4307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1074, 0.3640, 0.3933**, and **12.3421, 0.3955, 0.4350** is the 20% darker color. If you saturate the color by 10%, you get **29.1139, 0.3925, 0.4283**, and if you desaturate by 10%, it is **31.5147, 0.3587, 0.3885**.

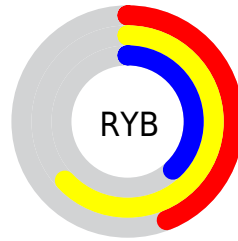
Distribution



Red (63%)

Green (59%)

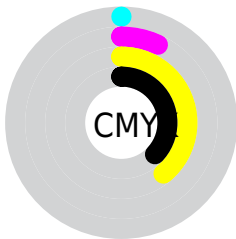
Blue (38%)



Red (44%)

Yellow (63%)

Blue (38%)

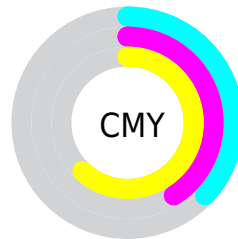


Cyan (0%)

Magenta (7%)

Yellow (39%)

Black (37%)



Cyan (37%)

Magenta (41%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2716, 0.3757, 0.4090 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 30.2716, 0.3757, 0.4090 by changing the saturation by 10% instead.

■ 30.2716, 0.3757,
0.4090

■ 30.2716, 0.3757,
0.4090

303.1684, 0.3427,
0.3663

■ 20.0448, 0.3842,
0.4203

■ 60.0914, 0.3635,
0.3929

■ 12.4276, 0.3950,
0.4351

■ 80.4533, 0.3590,
0.3871

■ 7.0356, 0.4090,
0.4549

■ 104.9623, 0.3551,
0.3822

■ 3.4844, 0.4293,
0.4847

■ 134.0028, 0.3519,
0.3780

■ 1.3895, 0.4633,
0.5367

167.9593, 0.3491,
0.3745

■ 0.2090, 0.3364,
0.6636

207.2162, 0.3467,

■ 0.0000, 0.0000,

0.3714

0.0000

252.1577, 0.3446,
0.3687

■ 30.2716, 0.3757,
0.4090

■ 30.2716, 0.3757,
0.4090

■ 29.1139, 0.3925,
0.4283

■ 31.5147, 0.3587,
0.3885

■ 28.0336, 0.4085,
0.4455

■ 32.8425, 0.3421,
0.3677

■ 27.0279, 0.4231,
0.4597

■ 34.2597, 0.3263,
0.3471

■ 26.0919, 0.4355,
0.4700

■ 35.7695, 0.3114,
0.3273

■ 25.2201, 0.4453,
0.4759

■ 37.3746, 0.2977,
0.3085

■ 24.4012, 0.4528,
0.4780

■ 39.0778, 0.2851,
0.2910

■ 24.3303, 0.4534,
0.4782

■ 40.8818, 0.2737,
0.2748

■ 42.7891, 0.2634,
0.2599

■ 44.8021, 0.2541,
0.2462

Harmonies

Analogous

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



30.2716, 0.4025, 0.3839



30.2716, 0.3757, 0.4090



30.2716, 0.3330, 0.4123

Triad

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



30.2716, 0.3757, 0.4090



30.2716, 0.2292, 0.2988



30.2716, 0.3345, 0.2792

Complementary

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



30.2716, 0.3757, 0.4090



16.1045, 0.2456, 0.2335

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.



30.2716, 0.2871, 0.2589



30.2716, 0.3757, 0.4090



30.2716, 0.2295, 0.2672

Square

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



30.2716, 0.3757, 0.4090



30.2716, 0.2494, 0.3437



30.2716, 0.2497, 0.2540



30.2716, 0.3785, 0.3109

Rectangle

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



30.2716, 0.3757, 0.4090



30.2716, 0.3018, 0.3988



30.2716, 0.2497, 0.2540



30.2716, 0.3183, 0.2709

Sweetspot

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



30.2730, 0.3757, 0.4090



60.5629, 0.3311, 0.3534



17.4291, 0.3894, 0.3106



13.2153, 0.3330, 0.3559



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.



30.2730, 0.3757, 0.4090



52.4003, 0.3905, 0.4260



32.0329, 0.3489, 0.4309



8.0262, 0.3266, 0.3474



19.4885, 0.4531, 0.4784



0.4615, 0.4390, 0.4896

Inverse Universe

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



16.1045, 0.2456, 0.2335



23.4023, 0.2286, 0.2076



15.1584, 0.2643, 0.2194



7.0503, 0.2987, 0.3099



2.7648, 0.1550, 0.0780



0.1107, 0.1703, 0.1330

Previews

White Background



This preview shows how the Yxy color 30.2716, 0.3757, 0.4090 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.2716, 0.3757, 0.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

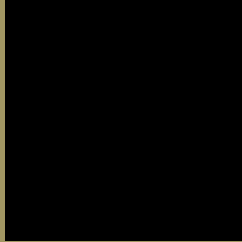
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2716, 0.3757, 0.4090

Background



This preview shows how black text looks on a background with the Yxy color 30.2716, 0.3757, 0.4090.



This preview shows how white text looks on a background with the Yxy color 30.2716, 0.3757, 0.4090.

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

30.2716, 0.3757, 0.4090

Protanopia

30.3759, 0.3769, 0.4087

Deuteranopia

30.1487, 0.3983, 0.3909



Tritanopia

30.1935, 0.3273, 0.3128

Trichromacy



Original Color

30.2716, 0.3757, 0.4090

Protanomaly

30.3759, 0.3769, 0.4087

Deuteranomaly

30.2293, 0.3895, 0.3985

Tritanomaly

30.2783, 0.3452, 0.3473

Monochromacy



Original Color

30.2716, 0.3757, 0.4090

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.4402, 0.3356, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2716, 0.3757, 0.4090 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(161, 150, 98)` looks like.

```
.text, #text, p{  
    color:rgb(161, 150, 98)  
}
```

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(161, 150, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 150, 98) }
```

Border

The CSS property to change the border of an element to Yxy 30.2716, 0.3757, 0.4090 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(161, 150, 98) }
```

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

```
.border{ border-color:rgb(161, 150, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 150, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 150, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 150, 98);  
box-shadow:4px 4px 4px 4px rgb(161, 150,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2716, 0.3757, 0.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 150, 98) }
```

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

```
.background{ background-color: rgb(161,  
150, 98) }
```

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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