

Converting Colors

$Y_{xy}(28.2227, 0.3842, 0.4261)$

Have a look what the booklet for
Yxy(28.2227, 0.3842, 0.4261)
contains.

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Color

Yxy(28.1664, 0.3845, 0.4264)

Conversions

Conversions Part 1

Format	Color
Hex	9B9254
RGB	155, 146, 84
RGB Percent	61%, 57%, 33%
CMY	0.3921, 0.4275, 0.6705
CMYK	0.00, 0.06, 0.46, 0.39
HSL	52°, 30%, 47%
HSV	52°, 46%, 61%
XYZ	25.3986, 28.1664, 12.4912
YIQ	141.6230, 25.2660, -17.3740

Conversions

Conversions Part 2

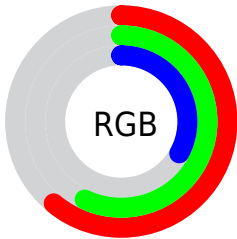
Format	Color
R_{YB}	94, 155, 84
Decimal	10195540
CIE Lab	60.04, -5.70, 33.92
CIE LCh	60, 34.397, 99.539
Yxy	28.1664, 0.3845, 0.4264
Android (android.graphics.Color)	4288385620 (0xFF9B9254)
YUV	141.6230, -28.4081, 11.7316
Hunter-Lab	53.0720, -7.4514, 23.1957

Details

The Yxy color $28.1664, 0.3845, 0.4264$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.0882, 0.2318, 0.2076$, and the grayscale version is $27.0022, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.9067, 0.3707, 0.4066$, and $11.3179, 0.4053, 0.4596$ is the 20% darker color. If you saturate the color by 10%, you get $27.3497, 0.3997, 0.4451$, and if you desaturate by 10%, it is $29.0499, 0.3685, 0.4058$.

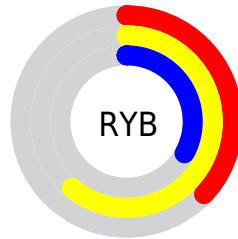
Distribution



Red (61%)

Green (57%)

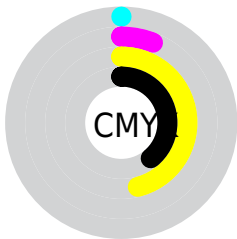
Blue (33%)



Red (37%)

Yellow (61%)

Blue (33%)

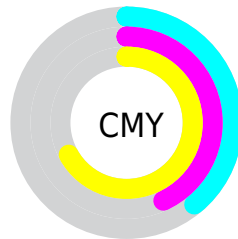


Cyan (0%)

Magenta (6%)

Yellow (46%)

Black (39%)



Cyan (39%)


Magenta (43%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1664, 0.3845, 0.4264 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 28.1664, 0.3845, 0.4264 by changing the saturation by 10% instead.


 28.1664, 0.3845,
0.4264


 28.1664, 0.3845,
0.4264

293.2612, 0.3471,
0.3740


 18.4511, 0.3938,
0.4403


 56.7500, 0.3708,
0.4066

 11.2744, 0.4054,
0.4582


 76.3871, 0.3656,
0.3994

 6.2517, 0.4196,
0.4818


 100.1003, 0.3613,
0.3934

 2.9987, 0.4557,
0.5364

 128.2740, 0.3576,
0.3883

 1.1311, 0.4484,
0.5516

 161.2925, 0.3544,
0.3840

 0.0043, 0.0000,
1.0000

199.5403, 0.3516,

 0.0000, 0.0000,

0.3802

0.0000

243.4017, 0.3492,
0.3769

■ 28.1664, 0.3845,
0.4264

■ 28.1664, 0.3845,
0.4264

■ 27.3497, 0.3997,
0.4451

■ 29.0499, 0.3685,
0.4058

■ 26.5923, 0.4134,
0.4610

■ 29.9996, 0.3523,
0.3842

■ 25.8913, 0.4250,
0.4732

■ 31.0198, 0.3364,
0.3624

■ 25.2421, 0.4342,
0.4813

■ 32.1135, 0.3212,
0.3410

■ 24.6384, 0.4407,
0.4852

■ 33.2832, 0.3068,
0.3205

■ 24.3913, 0.4432,
0.4863

■ 34.5315, 0.2934,
0.3011

■ 35.8607, 0.2811,
0.2830

■ 37.2732, 0.2700,
0.2663

■ 38.7711, 0.2598,
0.2510

Harmonies

Analogous

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



28.1664, 0.4192, 0.3959



28.1664, 0.3845, 0.4264



28.1664, 0.3322, 0.4301

Triad

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



28.1664, 0.3845, 0.4264



28.1664, 0.2127, 0.2883



28.1664, 0.3426, 0.2720

Complementary

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



28.1664, 0.3845, 0.4264



12.0882, 0.2318, 0.2076

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.



28.1664, 0.2852, 0.2471



28.1664, 0.3845, 0.4264



28.1664, 0.2148, 0.2528

Square

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



28.1664, 0.3845, 0.4264



28.1664, 0.2344, 0.3422



28.1664, 0.2399, 0.2397



28.1664, 0.3954, 0.3096

Rectangle

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



28.1664, 0.3845, 0.4264



28.1664, 0.2949, 0.4124



28.1664, 0.2399, 0.2397



28.1664, 0.3230, 0.2620

Sweetspot

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



28.1677, 0.3845, 0.4264



55.8359, 0.3341, 0.3591



14.1137, 0.4152, 0.3135



12.5512, 0.3372, 0.3635



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.



28.1677, 0.3845, 0.4264



48.9354, 0.4001, 0.4456



28.7515, 0.3502, 0.4500



7.0891, 0.3263, 0.3483



19.6275, 0.4430, 0.4865



0.3261, 0.4312, 0.4959

Inverse Universe

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



12.0882, 0.2318, 0.2076



16.4896, 0.2116, 0.1753



12.0306, 0.2585, 0.2003



6.1464, 0.2988, 0.3090



2.3269, 0.1533, 0.0718



0.0635, 0.1665, 0.1194

Previews

White Background



This preview shows how the Yxy color 28.1664, 0.3845, 0.4264 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 28.1664, 0.3845, 0.4264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

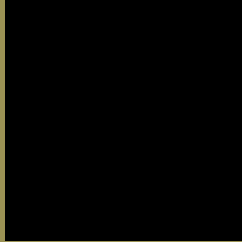
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1664, 0.3845, 0.4264

Background



This preview shows how black text looks on a background with the Yxy color 28.1664, 0.3845, 0.4264.



This preview shows how white text looks on a background with the Yxy color 28.1664, 0.3845, 0.4264.

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

28.1664, 0.3845, 0.4264

Protanopia

28.2618, 0.3898, 0.4234

Deuteranopia

28.0789, 0.4128, 0.4042



Tritanopia

28.0283, 0.3278, 0.3123

Trichromacy



Original Color

28.1664, 0.3845, 0.4264

Protanomaly

28.1600, 0.3887, 0.4238

Deuteranomaly

28.0305, 0.4022, 0.4128

Tritanomaly

27.9013, 0.3495, 0.3542

Monochromacy



Original Color

28.1664, 0.3845, 0.4264

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.2284, 0.3395, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1664, 0.3845, 0.4264 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, 146, 84)` looks like.

```
.text, #text, p{  
    color:rgb(155, 146, 84)  
}
```

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, 146, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 146, 84) }
```

Border

The CSS property to change the border of an element to Yxy 28.1664, 0.3845, 0.4264 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, 146, 84) }
```

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

```
.border{ border-color:rgb(155, 146, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 146, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 146, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 146, 84);  
box-shadow:4px 4px 4px 4px rgb(155, 146,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1664, 0.3845, 0.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 146, 84) }
```

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

```
.background{ background-color: rgb(155,  
146, 84) }
```

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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