

Converting Colors

$Y_{xy}(35.3238, 0.3266, 0.3632)$

Have a look what the booklet for
Yxy(35.3238, 0.3266, 0.3632)
contains.

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Color

Yxy(35.2856, 0.3265, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	9DA38D
RGB	157, 163, 141
RGB Percent	62%, 64%, 55%
CMY	0.3843, 0.3608, 0.4471
CMYK	0.04, 0.00, 0.14, 0.36
HSL	76°, 11%, 60%
HSV	76°, 14%, 64%
XYZ	31.8077, 35.2856, 30.3269
YIQ	158.6980, 3.4860, -8.1140

Conversions

Conversions Part 2

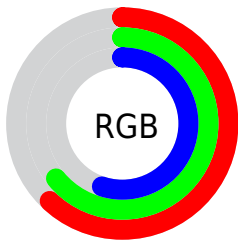
Format	Color
RYB	141, 163, 147
Decimal	10331021
CIELab	65.97, -6.18, 10.72
CIELCh	66, 12.372, 119.988
Yxy	35.2856, 0.3265, 0.3622
Android (android.graphics.Color)	4288521101 (0xFF9DA38D)
YUV	158.6980, -8.7251, -1.4891
Hunter-Lab	59.4017, -8.3719, 11.3113

Details

The Yxy color **35.2856, 0.3265, 0.3622** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.8923, 0.2977, 0.2948**, and the grayscale version is **34.5652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0800, 0.3239, 0.3552**, and **15.1884, 0.3311, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **34.3976, 0.3367, 0.3883**, and if you desaturate by 10%, it is **36.2644, 0.3163, 0.3374**.

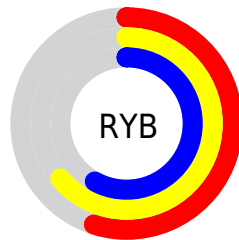
Distribution



Red (62%)

Green (64%)

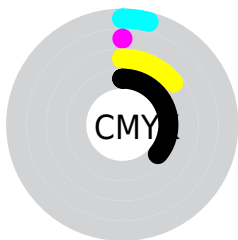
Blue (55%)



Red (55%)

Yellow (64%)

Blue (58%)

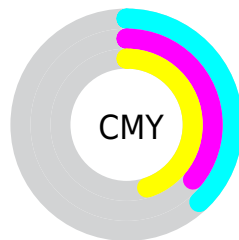


Cyan (4%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (38%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2856, 0.3265, 0.3622 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 35.2856, 0.3265, 0.3622 by changing the saturation by 10% instead.


 35.2856, 0.3265,
0.3622


 35.2856, 0.3265,
0.3622


325.8272, 0.3194,
0.3446

 23.8830, 0.3283,
0.3669


 67.9280, 0.3239,
0.3555

 15.2468, 0.3307,
0.3733


 89.9365, 0.3229,
0.3531

 8.9928, 0.3339,
0.3821


 116.2491, 0.3221,
0.3511

 4.7365, 0.3385,
0.3953

147.2502, 0.3214,
0.3494

 2.0935, 0.3454,
0.4171

183.3241, 0.3208,
0.3480

 0.6610, 0.4193,
0.5807

224.8553, 0.3203,

 0.0000, 0.0000,

0.3467

0.0000

272.2282, 0.3198,
0.3456

■ 35.2856, 0.3265,
0.3622

■ 35.2856, 0.3265,
0.3622

■ 34.3976, 0.3367,
0.3883

■ 36.2644, 0.3163,
0.3374

■ 33.5926, 0.3466,
0.4150

■ 37.3324, 0.3063,
0.3141

■ 32.8685, 0.3557,
0.4416

■ 38.4942, 0.2967,
0.2926

■ 32.2215, 0.3635,
0.4670

■ 39.7525, 0.2877,
0.2730

■ 31.6475, 0.3695,
0.4903

■ 41.1100, 0.2793,
0.2552

■ 31.1419, 0.3733,
0.5102

■ 42.5691, 0.2715,
0.2390

■ 30.6994, 0.3747,
0.5259

■ 44.1267, 0.2643,
0.2246

■ 30.3137, 0.3737,
0.5370

■ 44.7012, 0.2676,
0.2256

■ 30.0841, 0.3723,
0.5426

■ 45.2933, 0.2710,
0.2265

Harmonies

Analogous

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



35.2856, 0.3422, 0.3600



35.2856, 0.3265, 0.3622



35.2856, 0.3075, 0.3548

Triad

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



35.2856, 0.3265, 0.3622



35.2856, 0.2768, 0.3070



35.2856, 0.3353, 0.3182

Complementary

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



35.2856, 0.3265, 0.3622



27.8923, 0.2977, 0.2948

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.



35.2856, 0.3172, 0.3051



35.2856, 0.3265, 0.3622



35.2856, 0.2836, 0.2984

Square

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



35.2856, 0.3265, 0.3622



35.2856, 0.2791, 0.3221



35.2856, 0.2983, 0.2979



35.2856, 0.3475, 0.3343

Rectangle

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



35.2856, 0.3265, 0.3622



35.2856, 0.2955, 0.3454



35.2856, 0.2983, 0.2979



35.2856, 0.3297, 0.3133

Sweetspot

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



35.2871, 0.3265, 0.3622



64.8375, 0.3168, 0.3387



30.5328, 0.3356, 0.3380



14.5326, 0.3176, 0.3405



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



35.2871, 0.3265, 0.3622



62.7311, 0.3294, 0.3694



34.2418, 0.3160, 0.3633



8.1396, 0.3221, 0.3515



23.4020, 0.3727, 0.5423



0.5132, 0.3906, 0.5281

Inverse Universe

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



27.8923, 0.2977, 0.2948



47.0602, 0.2942, 0.2872



28.9454, 0.3089, 0.2960



6.9492, 0.3027, 0.3061



2.4999, 0.1686, 0.0702



0.0746, 0.2073, 0.0916

Previews

White Background



This preview shows how the Yxy color 35.2856, 0.3265, 0.3622 looks on a white background.

Color Contrast Check

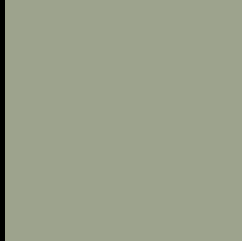
Large Text (above 18pt) WCAG AA × Fail

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 35.2856, 0.3265, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

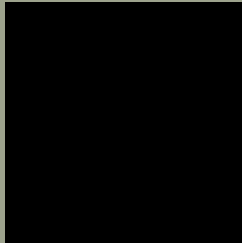
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

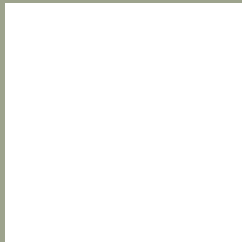
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.2856, 0.3265, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 35.2856, 0.3265, 0.3622.



This preview shows how white text looks on a background with the Yxy color 35.2856, 0.3265, 0.3622.

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

35.2856, 0.3265, 0.3622

Protanopia

35.3305, 0.3399, 0.3598

Deuteranopia

35.0395, 0.3520, 0.3445



Tritanopia

35.3136, 0.3041, 0.3117

Trichromacy



Original Color

35.2856, 0.3265, 0.3622

Protanomaly

35.2757, 0.3347, 0.3601

Deuteranomaly

34.9512, 0.3429, 0.3507

Tritanomaly

35.1533, 0.3127, 0.3290

Monochromacy



Original Color

35.2856, 0.3265, 0.3622

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.6777, 0.3179, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2856, 0.3265, 0.3622 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(157, 163, 141)` looks like.

```
.text, #text, p{  
    color:rgb(157, 163, 141)  
}
```

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(157, 163, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 163, 141) }
```

Border

The CSS property to change the border of an element to Yxy 35.2856, 0.3265, 0.3622 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(157, 163, 141) }
```

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

```
.border{ border-color:rgb(157, 163, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 163, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 163, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 163, 141);  
box-shadow:4px 4px 4px 4px rgb(157, 163,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2856, 0.3265, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 163, 141) }
```

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

```
.background{ background-color: rgb(157,  
163, 141) }
```

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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