

Converting Colors

$Yxy(34.4296, 0.3243, 0.3481)$

Have a look what the booklet for
Yxy(34.4296, 0.3243, 0.3481)
contains.

Yxy(34.2738, 0.3236, 0.3470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.2738, 0.3236, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	9F9F93
RGB	159, 159, 147
RGB Percent	62%, 62%, 58%
CMY	0.3765, 0.3765, 0.4235
CMYK	0.00, 0.00, 0.08, 0.38
HSL	60°, 6%, 60%
HSV	60°, 8%, 62%
XYZ	31.9625, 34.2738, 32.5354
YIQ	157.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

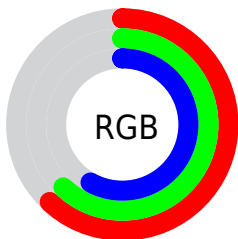
Format	Color
RYB	147, 159, 147
Decimal	10461075
CIELab	65.18, -2.21, 6.25
CIELCh	65, 6.634, 109.469
Yxy	34.2738, 0.3236, 0.3470
Android (android.graphics.Color)	4288651155 (0xFF9F9F93)
YUV	157.6320, -5.2416, 1.1997
Hunter-Lab	58.5438, -4.9980, 8.0306

Details

The Yxy color **34.2738, 0.3236, 0.3470** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5756, 0.3014, 0.3103**, and the grayscale version is **34.0403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6063, 0.3216, 0.3438**, and **14.7578, 0.3282, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **33.8094, 0.3384, 0.3714**, and if you desaturate by 10%, it is **34.8102, 0.3093, 0.3233**.

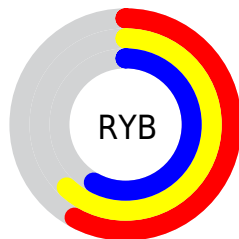
Distribution



Red (62%)

Green (62%)

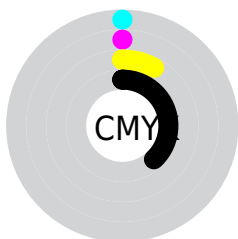
Blue (58%)



Red (58%)

Yellow (62%)

Blue (58%)

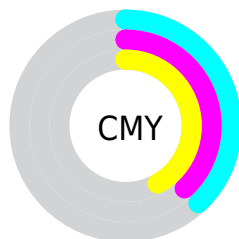


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.2738, 0.3236, 0.3470 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 34.2738, 0.3236, 0.3470 by changing the saturation by 10% instead.

■ 34.2738, 0.3236,
0.3470

■ 34.2738, 0.3236,
0.3470

■ 321.3512, 0.3179,
0.3375

■ 23.1040, 0.3251,
0.3496

■ 66.3592, 0.3215,
0.3434

■ 14.6703, 0.3271,
0.3530

■ 88.0437, 0.3207,
0.3421

■ 8.5883, 0.3299,
0.3577

■ 114.0018, 0.3200,
0.3410

■ 4.4737, 0.3340,
0.3648

■ 144.6179, 0.3195,
0.3401

■ 1.9419, 0.3405,
0.3766

■ 180.2766, 0.3190,
0.3393

■ 0.5734, 0.3924,
0.4582

■ 221.3621, 0.3186,

■ 0.0000, 0.0000,

0.3386

0.0000

268.2588, 0.3182,
0.3380

■ 34.2738, 0.3236,
0.3470

■ 34.2738, 0.3236,
0.3470

■ 33.8094, 0.3384,
0.3714

■ 34.8102, 0.3093,
0.3233

■ 33.4096, 0.3532,
0.3960

■ 35.4168, 0.2956,
0.3007

■ 33.0731, 0.3676,
0.4199

■ 36.0975, 0.2828,
0.2796

■ 32.7965, 0.3811,
0.4422

■ 36.8548, 0.2710,
0.2600

■ 32.5763, 0.3931,
0.4620

■ 37.6910, 0.2602,
0.2422

■ 32.4087, 0.4031,
0.4785

■ 38.6081, 0.2504,
0.2259

■ 32.2891, 0.4107,
0.4911

■ 39.3936, 0.2432,
0.2141

■ 32.2127, 0.4158,
0.4996

■ 39.3943, 0.2432,
0.2141

■ 32.1707, 0.4186,
0.5043

■ 39.3951, 0.2432,
0.2141

Harmonies

Analogous

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



34.2738, 0.3307, 0.3444



34.2738, 0.3236, 0.3470



34.2738, 0.3136, 0.3447

Triad

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



34.2738, 0.3236, 0.3470



34.2738, 0.2929, 0.3198



34.2738, 0.3218, 0.3203

Complementary

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



34.2738, 0.3236, 0.3470



29.5756, 0.3014, 0.3103

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.



34.2738, 0.3115, 0.3140



34.2738, 0.3236, 0.3470



34.2738, 0.2950, 0.3136

Square

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



34.2738, 0.3236, 0.3470



34.2738, 0.2960, 0.3288



34.2738, 0.3017, 0.3115



34.2738, 0.3297, 0.3289

Rectangle

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



34.2738, 0.3236, 0.3470



34.2738, 0.3068, 0.3406



34.2738, 0.3017, 0.3115



34.2738, 0.3185, 0.3179

Sweetspot

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



34.2753, 0.3236, 0.3470



61.8925, 0.3156, 0.3338



30.3464, 0.3253, 0.3290



13.9562, 0.3155, 0.3335



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.



34.2753, 0.3236, 0.3470



61.2365, 0.3260, 0.3509



33.6771, 0.3177, 0.3473



7.7202, 0.3261, 0.3511



25.4011, 0.4192, 0.5053



0.4542, 0.4193, 0.5053

Inverse Universe

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



29.5756, 0.3014, 0.3103



51.1200, 0.2989, 0.3061



30.1444, 0.3075, 0.3107



6.4354, 0.2987, 0.3059



1.9775, 0.1500, 0.0600



0.0354, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 34.2738, 0.3236, 0.3470 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 34.2738, 0.3236, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

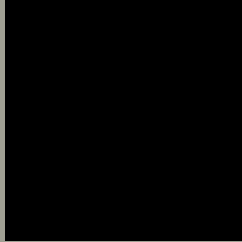
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

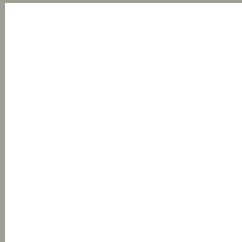
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.2738, 0.3236, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 34.2738, 0.3236, 0.3470.



This preview shows how white text looks on a background with the Yxy color 34.2738, 0.3236, 0.3470.

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

34.2738, 0.3236, 0.3470

Protanopia

34.4216, 0.3297, 0.3468

Deuteranopia

34.2677, 0.3421, 0.3362



Tritanopia

34.2855, 0.3077, 0.3116

Trichromacy



Original Color

34.2738, 0.3236, 0.3470

Protanomaly

34.2104, 0.3277, 0.3469

Deuteranomaly

34.1269, 0.3344, 0.3392

Tritanomaly

34.2291, 0.3139, 0.3246

Monochromacy



Original Color

34.2738, 0.3236, 0.3470

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.0559, 0.3163, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2738, 0.3236, 0.3470 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(159, 159, 147)` looks like.

```
.text, #text, p{  
    color:rgb(159, 159, 147)  
}
```

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(159, 159, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 159, 147) }
```

Border

The CSS property to change the border of an element to Yxy 34.2738, 0.3236, 0.3470 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(159, 159, 147) }
```

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

```
.border{ border-color:rgb(159, 159, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 159, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 159, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 159, 147);  
box-shadow:4px 4px 4px 4px rgb(159, 159,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2738, 0.3236, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 159, 147) }
```

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

```
.background{ background-color: rgb(159,  
159, 147) }
```

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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