

Converting Colors

$Yxy(34.5909, 0.3228, 0.3522)$

Have a look what the booklet for
Yxy(34.5909, 0.3228, 0.3522)
contains.

Yxy(34.7022, 0.3232, 0.3531)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.7022, 0.3232, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	9DA191
RGB	157, 161, 145
RGB Percent	62%, 63%, 57%
CMY	0.3842, 0.3686, 0.4314
CMYK	0.02, 0.00, 0.10, 0.37
HSL	75°, 8%, 60%
HSV	75°, 10%, 63%
XYZ	31.7637, 34.7022, 31.8128
YIQ	157.9800, 2.7520, -5.8240

Conversions

Conversions Part 2

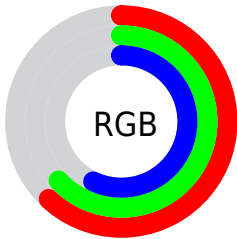
Format	Color
RYB	145, 161, 149
Decimal	10330513
CIELab	65.52, -4.39, 7.83
CIELCh	66, 8.977, 119.244
Yxy	34.7022, 0.3232, 0.3531
Android (android.graphics.Color)	4288520593 (0xFF9DA191)
YUV	157.9800, -6.3991, -0.8595
Hunter-Lab	58.9086, -6.8423, 9.2172

Details

The Yxy color **34.7022, 0.3232, 0.3531** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2123, 0.3016, 0.3043**, and the grayscale version is **34.2133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2323, 0.3213, 0.3484**, and **15.0423, 0.3262, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **33.8458, 0.3339, 0.3787**, and if you desaturate by 10%, it is **35.6452, 0.3126, 0.3288**.

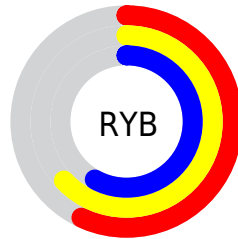
Distribution



Red (62%)

Green (63%)

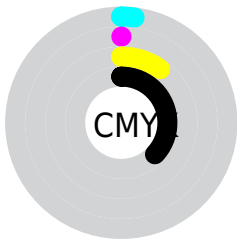
Blue (57%)



Red (57%)

Yellow (63%)

Blue (58%)

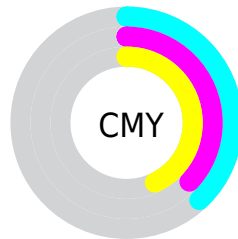


Cyan (2%)

Magenta (0%)

Yellow (10%)

Black (37%)



Cyan (38%)


Magenta (37%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7022, 0.3232, 0.3531 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 34.7022, 0.3232, 0.3531 by changing the saturation by 10% instead.


 34.7022, 0.3232,
0.3531


 34.7022, 0.3232,
0.3531


323.2519, 0.3178,
0.3403

 23.4336, 0.3246,
0.3565

 67.0242, 0.3212,
0.3483

 14.9140, 0.3265,
0.3611


 88.8463, 0.3204,
0.3465

 8.7590, 0.3291,
0.3676


114.9550, 0.3198,
0.3451

 4.5843, 0.3328,
0.3772

145.7348, 0.3193,
0.3438

 2.0055, 0.3386,
0.3931

181.5700, 0.3188,
0.3428

 0.6107, 0.3940,
0.5083

222.8450, 0.3184,

 0.0000, 0.0000,

0.3419

0.0000

269.9441, 0.3181,
0.3410

■ 34.7022, 0.3232,
0.3531

■ 34.7022, 0.3232,
0.3531

■ 33.8458, 0.3339,
0.3787

■ 35.6452, 0.3126,
0.3288

■ 33.0683, 0.3443,
0.4050

■ 36.6732, 0.3024,
0.3062

■ 32.3681, 0.3542,
0.4315

■ 37.7904, 0.2927,
0.2853

■ 31.7415, 0.3629,
0.4570

■ 38.9994, 0.2836,
0.2663

■ 31.1848, 0.3700,
0.4807

■ 40.3027, 0.2752,
0.2490

■ 30.6937, 0.3751,
0.5014

■ 41.7027, 0.2673,
0.2334

■ 30.2634, 0.3779,
0.5182

■ 43.0266, 0.2618,
0.2217

■ 29.8882, 0.3781,
0.5306

■ 43.5313, 0.2648,
0.2226

■ 29.5553, 0.3765,
0.5392

■ 44.0501, 0.2678,
0.2234

Harmonies

Analogous

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



34.7022, 0.3345, 0.3515



34.7022, 0.3232, 0.3531



34.7022, 0.3093, 0.3478

Triad

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



34.7022, 0.3232, 0.3531



34.7022, 0.2863, 0.3133



34.7022, 0.3289, 0.3208

Complementary

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



34.7022, 0.3232, 0.3531



29.2123, 0.3016, 0.3043

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.



34.7022, 0.3157, 0.3112



34.7022, 0.3232, 0.3531



34.7022, 0.2912, 0.3067

Square

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



34.7022, 0.3232, 0.3531



34.7022, 0.2882, 0.3244



34.7022, 0.3019, 0.3060



34.7022, 0.3379, 0.3327

Rectangle

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



34.7022, 0.3232, 0.3531



34.7022, 0.3005, 0.3412



34.7022, 0.3019, 0.3060



34.7022, 0.3248, 0.3173

Sweetspot

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



34.7037, 0.3232, 0.3531



63.2971, 0.3159, 0.3363



31.0324, 0.3291, 0.3347



13.8528, 0.3167, 0.3381



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.



34.7037, 0.3232, 0.3531



61.7886, 0.3256, 0.3589



33.9481, 0.3156, 0.3537



8.1482, 0.3225, 0.3515



23.6239, 0.3768, 0.5390



0.5165, 0.3932, 0.5260

Inverse Universe

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



29.2123, 0.3016, 0.3043



49.8712, 0.2988, 0.2983



29.9660, 0.3094, 0.3049



6.9410, 0.3024, 0.3060



2.4323, 0.1658, 0.0687



0.0718, 0.2027, 0.0890

Previews

White Background



This preview shows how the Yxy color 34.7022, 0.3232, 0.3531 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 34.7022, 0.3232, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

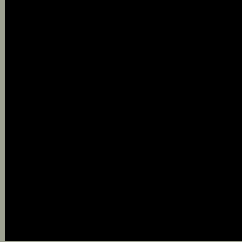
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

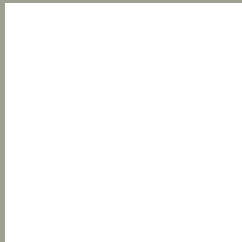
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7022, 0.3232, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 34.7022, 0.3232, 0.3531.



This preview shows how white text looks on a background with the Yxy color 34.7022, 0.3232, 0.3531.

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

34.7022, 0.3232, 0.3531

Protanopia

34.4667, 0.3326, 0.3497

Deuteranopia

34.4728, 0.3452, 0.3376



Tritanopia

34.5933, 0.3050, 0.3102

Trichromacy



Original Color

34.7022, 0.3232, 0.3531

Protanomaly

34.4913, 0.3294, 0.3514

Deuteranomaly

34.5102, 0.3372, 0.3436

Tritanomaly

34.5005, 0.3120, 0.3246

Monochromacy



Original Color

34.7022, 0.3232, 0.3531

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.3653, 0.3171, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7022, 0.3232, 0.3531 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, 161, 145)` looks like.

```
.text, #text, p{  
    color:rgb(157, 161, 145)  
}
```

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, 161, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 161, 145) }
```

Border

The CSS property to change the border of an element to Yxy 34.7022, 0.3232, 0.3531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

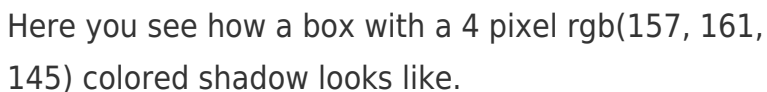
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 161, 145) }
```

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

```
.border{ border-color:rgb(157, 161, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 161, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 161, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 161, 145); box-shadow:4px 4px 4px 4px rgb(157, 161, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7022, 0.3232, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 161, 145) }
```

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

```
.background{ background-color: rgb(157,  
161, 145) }
```

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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