

Converting Colors

$Yxy(34.1762, 0.3114, 0.3531)$

Have a look what the booklet for
Yxy(34.1762, 0.3114, 0.3531)
contains.

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Color

Yxy(34.0582, 0.3107, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	92A293
RGB	146, 162, 147
RGB Percent	57%, 64%, 58%
CMY	0.4273, 0.3647, 0.4235
CMYK	0.10, 0.00, 0.09, 0.36
HSL	124°, 8%, 60%
HSV	124°, 10%, 64%
XYZ	30.0451, 34.0582, 32.5980
YIQ	155.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

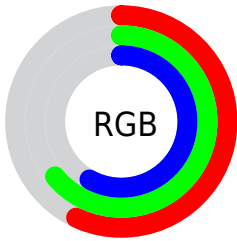
Format	Color
RYB	146, 161, 162
Decimal	9609875
CIELab	65.01, -8.57, 5.88
CIElCh	65, 10.393, 145.576
Yxy	34.0582, 0.3107, 0.3522
Android (android.graphics.Color)	4287799955 (0xFF92A293)
YUV	155.5060, -4.1935, -8.3368
Hunter-Lab	58.3594, -10.2320, 7.7338

Details

The Yxy color **34.0582, 0.3107, 0.3522** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8213, 0.3148, 0.3068**, and the grayscale version is **33.0377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1221, 0.3111, 0.3476**, and **14.4293, 0.3099, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **32.2321, 0.3085, 0.3788**, and if you desaturate by 10%, it is **36.1607, 0.3127, 0.3287**.

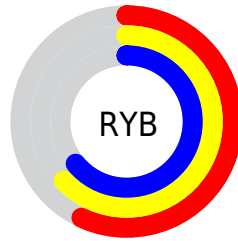
Distribution



Red (57%)

Green (64%)

Blue (58%)



Red (57%)

Yellow (63%)

Blue (64%)

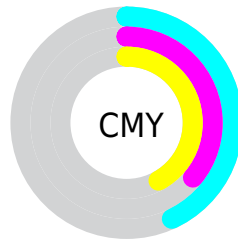


Cyan (10%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (43%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0582, 0.3107, 0.3522 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 34.0582, 0.3107, 0.3522 by changing the saturation by 10% instead.


 34.0582, 0.3107,
0.3522


 34.0582, 0.3107,
0.3522


320.3915, 0.3119,
0.3398

 22.9383, 0.3104,
0.3556


 66.0242, 0.3112,
0.3475

 14.5480, 0.3099,
0.3601


 87.6390, 0.3113,
0.3458

 8.5028, 0.3092,
0.3665

113.5210, 0.3114,
0.3444

 4.4183, 0.3080,
0.3762

144.0545, 0.3116,
0.3432

 1.9102, 0.3059,
0.3926

179.6239, 0.3116,
0.3422

 0.5545, 0.2983,
0.5205

220.6136, 0.3117,

 0.0000, 0.0000,

0.3413

0.0000

267.4080, 0.3118,
0.3405

■ 34.0582, 0.3107,
0.3522

■ 34.0582, 0.3107,
0.3522

■ 32.2321, 0.3085,
0.3788

■ 36.1607, 0.3127,
0.3287

■ 30.6668, 0.3063,
0.4085

■ 38.5458, 0.3146,
0.3082

■ 29.3516, 0.3041,
0.4405

■ 41.2250, 0.3164,
0.2904

■ 28.2737, 0.3021,
0.4740

■ 44.2079, 0.3180,
0.2751

■ 27.4188, 0.3004,
0.5072

■ 47.5035, 0.3194,
0.2619

■ 26.7714, 0.2992,
0.5381

■ 51.1207, 0.3207,
0.2506

■ 26.3136, 0.2986,
0.5641

■ 54.2186, 0.3182,
0.2398

■ 26.0250, 0.2986,
0.5834

■ 54.3191, 0.3170,
0.2384

■ 25.8629, 0.2988,
0.5953

Harmonies

Analogous

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



34.0582, 0.3267, 0.3574



34.0582, 0.3107, 0.3522



34.0582, 0.2955, 0.3403

Triad

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



34.0582, 0.3107, 0.3522



34.0582, 0.2866, 0.3036



34.0582, 0.3412, 0.3315

Complementary

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



34.0582, 0.3107, 0.3522



30.8213, 0.3148, 0.3068

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.



34.0582, 0.3299, 0.3179



34.0582, 0.3107, 0.3522



34.0582, 0.2983, 0.3021

Square

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



34.0582, 0.3107, 0.3522



34.0582, 0.2818, 0.3120



34.0582, 0.3141, 0.3073



34.0582, 0.3446, 0.3449

Rectangle

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



34.0582, 0.3107, 0.3522



34.0582, 0.2878, 0.3304



34.0582, 0.3141, 0.3073



34.0582, 0.3382, 0.3269

Sweetspot

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



34.0597, 0.3107, 0.3522



64.3753, 0.3121, 0.3359



35.5129, 0.3262, 0.3527



14.3898, 0.3119, 0.3377



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.



34.0597, 0.3107, 0.3522



61.0057, 0.3102, 0.3582



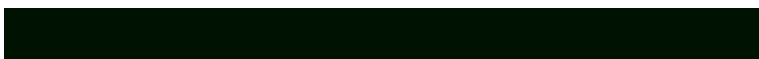
34.3129, 0.3040, 0.3400



7.9018, 0.3108, 0.3507



20.3775, 0.2986, 0.5949



0.4302, 0.2920, 0.5713

Inverse Universe

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



30.8213, 0.3148, 0.3068



53.8267, 0.3153, 0.3014



30.5546, 0.3224, 0.3183



7.1946, 0.3146, 0.3082



7.8409, 0.3366, 0.1628



0.1669, 0.3304, 0.1594

Previews

White Background



This preview shows how the Yxy color 34.0582, 0.3107, 0.3522 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 34.0582, 0.3107, 0.3522 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

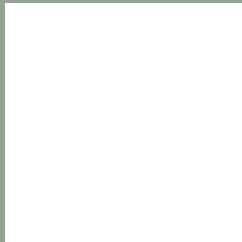
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.0582, 0.3107, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 34.0582, 0.3107, 0.3522.



This preview shows how white text looks on a background with the Yxy color 34.0582, 0.3107, 0.3522.

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

34.0582, 0.3107, 0.3522

Protanopia

33.9141, 0.3307, 0.3484

Deuteranopia

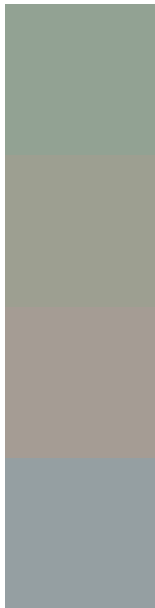
33.8565, 0.3403, 0.3334



Tritanopia

33.8780, 0.2939, 0.3097

Trichromacy



Original Color

34.0582, 0.3107, 0.3522

Protanomaly

34.0087, 0.3235, 0.3502

Deuteranomaly

33.9144, 0.3291, 0.3408

Tritanomaly

33.7945, 0.3006, 0.3244

Monochromacy



Original Color

34.0582, 0.3107, 0.3522

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.4290, 0.3114, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0582, 0.3107, 0.3522 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(146, 162, 147)` looks like.

```
.text, #text, p{  
    color:rgb(146, 162, 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(146, 162, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 162, 147) }
```

Border

The CSS property to change the border of an element to Yxy 34.0582, 0.3107, 0.3522 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(146, 162, 147) }
```

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

```
.border{ border-color:rgb(146, 162, 147) }
```

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

Here you see how a box with a 4 pixel rgb(146, 162, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 162, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 162, 147);  
box-shadow:4px 4px 4px 4px rgb(146, 162,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0582, 0.3107, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 162, 147) }
```

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

```
.background{ background-color: rgb(146,  
162, 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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