

Converting Colors

$Yxy(34.5816, 0.3232, 0.3977)$

Have a look what the booklet for
Yxy(34.5816, 0.3232, 0.3977)
contains.

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Color

Yxy(34.5816, 0.3232, 0.3977)

Conversions

Conversions Part 1

Format	Color
Hex	8BA77C
RGB	139, 167, 124
RGB Percent	55%, 65%, 49%
CMY	0.4550, 0.3451, 0.5136
CMYK	0.17, 0.00, 0.26, 0.35
HSL	99°, 20%, 57%
HSV	99°, 26%, 65%
XYZ	28.1035, 34.5816, 24.2689
YIQ	153.7260, -2.8850, -19.3090

Conversions

Conversions Part 2

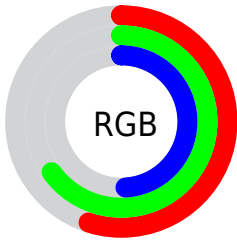
Format	Color
RYB	124, 167, 152
Decimal	9152380
CIELab	65.42, -17.85, 19.12
CIElCh	65, 26.159, 133.038
Yxy	34.5816, 0.3232, 0.3977
Android (android.graphics.Color)	4287342460 (0xFF8BA77C)
YUV	153.7260, -14.6549, -12.9147
Hunter-Lab	58.8061, -17.6053, 16.6957

Details

The Yxy color **34.5816, 0.3232, 0.3977** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.8899, 0.2990, 0.2632**, and the grayscale version is **32.2551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7543, 0.3215, 0.3829**, and **14.8442, 0.3247, 0.4218** is the 20% darker color. If you saturate the color by 10%, you get **33.3048, 0.3266, 0.4281**, and if you desaturate by 10%, it is **36.0263, 0.3193, 0.3692**.

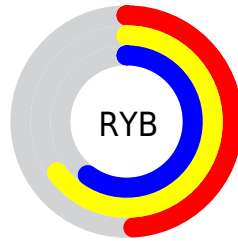
Distribution



Red (55%)

Green (65%)

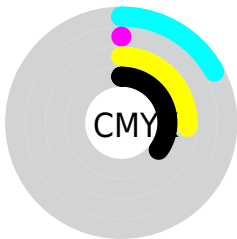
Blue (49%)



Red (49%)

Yellow (65%)

Blue (60%)

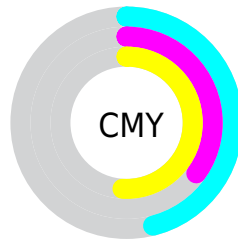


Cyan (17%)

Magenta (0%)

Yellow (26%)

Black (35%)



Cyan (46%)


Magenta (35%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5816, 0.3232, 0.3977 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 34.5816, 0.3232, 0.3977 by changing the saturation by 10% instead.

 34.5816, 0.3232,
0.3977


 34.5816, 0.3232,
0.3977


322.7177, 0.3184,
0.3605


 23.3408, 0.3242,
0.4080


 66.8371, 0.3216,
0.3834

 14.8453, 0.3253,
0.4219

 88.6205, 0.3209,
0.3783

 8.7109, 0.3263,
0.4417

 114.6869, 0.3204,
0.3741

 4.5531, 0.3268,
0.4716

145.4207, 0.3199,
0.3705

 1.9875, 0.3300,
0.5306

181.2063, 0.3194,
0.3674

 0.6002, 0.1832,
0.8168

222.4281, 0.3190,

 0.0000, 0.0000,

0.3648

0.0000

269.4704, 0.3187,
0.3625

■ 34.5816, 0.3232,
0.3977

■ 34.5816, 0.3232,
0.3977

■ 33.3048, 0.3266,
0.4281

■ 36.0263, 0.3193,
0.3692

■ 32.1851, 0.3291,
0.4595

■ 37.6403, 0.3151,
0.3429

■ 31.2172, 0.3306,
0.4906

■ 39.4307, 0.3109,
0.3192

■ 30.3938, 0.3306,
0.5198

■ 41.4031, 0.3067,
0.2980

■ 29.7069, 0.3290,
0.5454

■ 43.5624, 0.3027,
0.2791

■ 29.1475, 0.3257,
0.5657

■ 45.9136, 0.2988,
0.2624

■ 28.7048, 0.3211,
0.5798

■ 48.4614, 0.2952,
0.2476

■ 28.5434, 0.3191,
0.5848

■ 51.0402, 0.2936,
0.2369

■ 52.8571, 0.3023,
0.2392

Harmonies

Analogous

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



34.5816, 0.3613, 0.4000



34.5816, 0.3232, 0.3977



34.5816, 0.2839, 0.3728

Triad

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



34.5816, 0.3232, 0.3977



34.5816, 0.2424, 0.2724



34.5816, 0.3747, 0.3195

Complementary

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



34.5816, 0.3232, 0.3977



23.8899, 0.2990, 0.2632

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.



34.5816, 0.3392, 0.2903



34.5816, 0.3232, 0.3977



34.5816, 0.2633, 0.2635

Square

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



34.5816, 0.3232, 0.3977



34.5816, 0.2389, 0.2974



34.5816, 0.2981, 0.2703



34.5816, 0.3926, 0.3523

Rectangle

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



34.5816, 0.3232, 0.3977



34.5816, 0.2621, 0.3478



34.5816, 0.2981, 0.2703



34.5816, 0.3643, 0.3090

Sweetspot

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



34.5831, 0.3232, 0.3977



66.6824, 0.3162, 0.3490



32.1156, 0.3558, 0.3710



14.8256, 0.3168, 0.3528



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.5831, 0.3232, 0.3977



60.5635, 0.3252, 0.4152



33.5504, 0.3042, 0.3896



8.5300, 0.3166, 0.3520



21.8652, 0.3197, 0.5843



0.5604, 0.3474, 0.5624

Inverse Universe

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



23.8899, 0.2990, 0.2632



38.0527, 0.2951, 0.2473



25.1942, 0.3227, 0.2752



7.5340, 0.3084, 0.3064



4.6438, 0.2363, 0.1075



0.1398, 0.2653, 0.1235

Previews

White Background



This preview shows how the Yxy color 34.5816, 0.3232, 0.3977 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 34.5816, 0.3232, 0.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

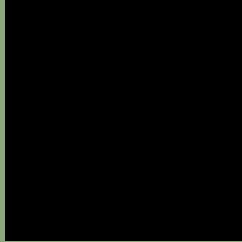
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5816, 0.3232, 0.3977

Background



This preview shows how black text looks on a background with the Yxy color 34.5816, 0.3232, 0.3977.



This preview shows how white text looks on a background with the Yxy color 34.5816, 0.3232, 0.3977.

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

34.5816, 0.3232, 0.3977

Protanopia

34.3558, 0.3607, 0.3849

Deuteranopia

34.3031, 0.3722, 0.3641



Tritanopia

34.7099, 0.2897, 0.3111

Trichromacy



Original Color

34.5816, 0.3232, 0.3977

Protanomaly

34.2411, 0.3472, 0.3899

Deuteranomaly

33.9451, 0.3532, 0.3750

Tritanomaly

34.4902, 0.3019, 0.3413

Monochromacy



Original Color

34.5816, 0.3232, 0.3977

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.1690, 0.3174, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5816, 0.3232, 0.3977 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(139, 167, 124)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 124)  
}
```

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(139, 167, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 124) }
```

Border

The CSS property to change the border of an element to Yxy 34.5816, 0.3232, 0.3977 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(139, 167, 124) }
```

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

```
.border{ border-color:rgb(139, 167, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 167, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 167, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 167, 124);  
box-shadow:4px 4px 4px 4px rgb(139, 167,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5816, 0.3232, 0.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 124) }
```

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

```
.background{ background-color: rgb(139,  
167, 124) }
```

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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