

Converting Colors

$Yxy(32.3980, 0.3327, 0.3615)$

Have a look what the booklet for
Yxy(32.3980, 0.3327, 0.3615)
contains.

Yxy(32.5661, 0.3332, 0.3629)	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(32.5661, 0.3332, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	9C9C86
RGB	156, 156, 134
RGB Percent	61%, 61%, 53%
CMY	0.3883, 0.3882, 0.4744
CMYK	0.00, 0.00, 0.14, 0.39
HSL	60°, 10%, 57%
HSV	60°, 14%, 61%
XYZ	29.9009, 32.5661, 27.2715
YIQ	153.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

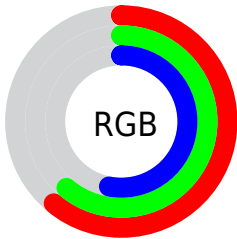
Format	Color
RYB	134, 156, 134
Decimal	10263686
CIELab	63.81, -3.94, 11.53
CIELCh	64, 12.185, 108.880
Yxy	32.5661, 0.3332, 0.3629
Android (android.graphics.Color)	4288453766 (0xFF9C9C86)
YUV	153.4920, -9.6096, 2.1995
Hunter-Lab	57.0667, -6.3393, 11.6127

Details

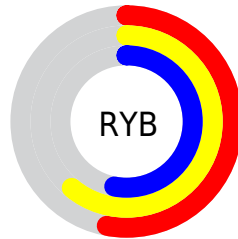
The Yxy color **32.5661, 0.3332, 0.3629** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5284, 0.2908, 0.2927**, and the grayscale version is **32.1218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5299, 0.3297, 0.3557**, and **13.7465, 0.3408, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **32.1623, 0.3480, 0.3875**, and if you desaturate by 10%, it is **33.0370, 0.3186, 0.3387**.

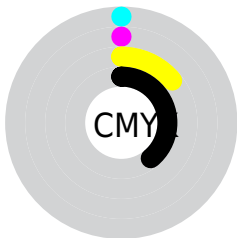
Distribution



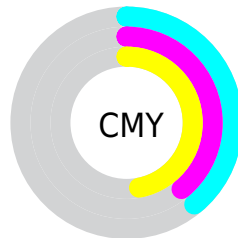
- Red (61%)
- Green (61%)
- Blue (53%)



- Red (53%)
- Yellow (61%)
- Blue (53%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (39%)





- Cyan (39%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5661, 0.3332, 0.3629 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 32.5661, 0.3332, 0.3629 by changing the saturation by 10% instead.


 32.5661, 0.3332,
0.3629


 32.5661, 0.3332,
0.3629


313.6900, 0.3224,
0.3448


 21.7943, 0.3361,
0.3678


 63.6975, 0.3292,
0.3560

 13.7058, 0.3398,
0.3745


 84.8259, 0.3277,
0.3535

 7.9163, 0.3451,
0.3838


 110.1752, 0.3264,
0.3514

 4.0415, 0.3527,
0.3978

140.1299, 0.3254,
0.3497

 1.6968, 0.3650,
0.4217

175.0743, 0.3245,
0.3482

 0.4216, 0.4193,
0.5807

215.3929, 0.3237,

 0.0000, 0.0000,

0.3469

0.0000

261.4700, 0.3230,
0.3458

■ 32.5661, 0.3332,
0.3629

■ 32.5661, 0.3332,
0.3629

■ 32.1623, 0.3480,
0.3875

■ 33.0370, 0.3186,
0.3387

■ 31.8184, 0.3626,
0.4116

■ 33.5734, 0.3045,
0.3154

■ 31.5330, 0.3765,
0.4346

■ 34.1791, 0.2911,
0.2933

■ 31.3027, 0.3890,
0.4554

■ 34.8565, 0.2787,
0.2727

■ 31.1241, 0.3997,
0.4731

■ 35.6078, 0.2673,
0.2538

■ 30.9929, 0.4082,
0.4871

■ 36.4352, 0.2568,
0.2365

■ 30.9048, 0.4142,
0.4971

■ 37.3407, 0.2473,
0.2208

■ 30.8541, 0.4177,
0.5029

■ 38.0775, 0.2407,
0.2099

■ 30.8331, 0.4192,
0.5054

■ 38.0790, 0.2407,
0.2099

Harmonies

Analogous

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



32.5661, 0.3466, 0.3573



32.5661, 0.3332, 0.3629



32.5661, 0.3146, 0.3590

Triad

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



32.5661, 0.3332, 0.3629



32.5661, 0.2761, 0.3118



32.5661, 0.3292, 0.3126

Complementary

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



32.5661, 0.3332, 0.3629



24.5284, 0.2908, 0.2927

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.



32.5661, 0.3099, 0.3013



32.5661, 0.3332, 0.3629



32.5661, 0.2797, 0.3004

Square

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



32.5661, 0.3332, 0.3629



32.5661, 0.2820, 0.3286



32.5661, 0.2919, 0.2968



32.5661, 0.3443, 0.3282

Rectangle

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



32.5661, 0.3332, 0.3629



32.5661, 0.3018, 0.3512



32.5661, 0.2919, 0.2968



32.5661, 0.3230, 0.3082

Sweetspot

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



32.5675, 0.3332, 0.3629



60.0002, 0.3185, 0.3387



25.8465, 0.3380, 0.3291



13.1884, 0.3196, 0.3404



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



32.5675, 0.3332, 0.3629



58.8951, 0.3380, 0.3709



31.5220, 0.3220, 0.3641



7.7201, 0.3261, 0.3511



25.3947, 0.4192, 0.5054



0.4542, 0.4192, 0.5053

Inverse Universe

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



24.5284, 0.2908, 0.2927



41.3289, 0.2852, 0.2834



25.4776, 0.3024, 0.2939



6.4356, 0.2988, 0.3059



1.9780, 0.1501, 0.0600



0.0354, 0.1503, 0.0601

Previews

White Background



This preview shows how the Yxy color 32.5661, 0.3332, 0.3629 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 32.5661, 0.3332, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

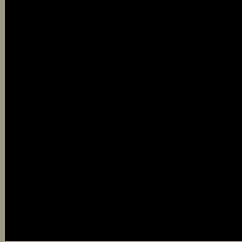
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

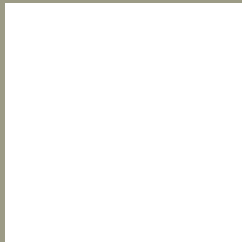
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.5661, 0.3332, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 32.5661, 0.3332, 0.3629.



This preview shows how white text looks on a background with the Yxy color 32.5661, 0.3332, 0.3629.

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

32.5661, 0.3332, 0.3629

Protanopia

32.4860, 0.3409, 0.3609

Deuteranopia

32.4743, 0.3553, 0.3494



Tritanopia

32.6104, 0.3096, 0.3113

Trichromacy



Original Color

32.5661, 0.3332, 0.3629

Protanomaly

32.6097, 0.3386, 0.3626

Deuteranomaly

32.6408, 0.3469, 0.3542

Tritanomaly

32.4533, 0.3187, 0.3290

Monochromacy



Original Color

32.5661, 0.3332, 0.3629

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.0565, 0.3202, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5661, 0.3332, 0.3629 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(156, 156, 134)` looks like.

```
.text, #text, p{  
    color:rgb(156, 156, 134)  
}
```

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(156, 156, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 156, 134) }
```

Border

The CSS property to change the border of an element to Yxy 32.5661, 0.3332, 0.3629 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(156, 156, 134) }
```

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

```
.border{ border-color:rgb(156, 156, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 156, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 156, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 156, 134);  
box-shadow:4px 4px 4px 4px rgb(156, 156,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5661, 0.3332, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 156, 134) }
```

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

```
.background{ background-color: rgb(156,  
156, 134) }
```

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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