

Converting Colors

$Y_{xy}(28.7604, 0.3325, 0.3652)$

Have a look what the booklet for
Yxy(28.7604, 0.3325, 0.3652)
contains.

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Color

Yxy(28.7972, 0.3321, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	92947E
RGB	146, 148, 126
RGB Percent	57%, 58%, 49%
CMY	0.4275, 0.4196, 0.5059
CMYK	0.01, 0.00, 0.15, 0.42
HSL	65°, 9%, 54%
HSV	65°, 15%, 58%
XYZ	26.2087, 28.7972, 23.9122
YIQ	144.8940, 5.8700, -7.2660

Conversions

Conversions Part 2

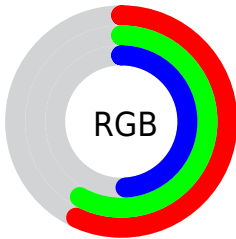
Format	Color
R_{YB}	126, 148, 128
Decimal	9606270
CIE _{Lab}	60.60, -4.74, 11.41
CIE _{LCh}	61, 12.353, 112.568
Yxy	28.7972, 0.3321, 0.3649
Android (android.graphics.Color)	4287796350 (0xFF92947E)
YUV	144.8940, -9.3147, 0.9700
Hunter-Lab	53.6630, -6.7320, 11.1446

Details

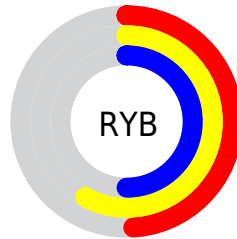
The Yxy color $28.7972, 0.3321, 0.3649$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $21.6469, 0.2917, 0.2909$, and the grayscale version is $28.3069, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.7751, 0.3279, 0.3570$, and $11.5181, 0.3382, 0.3770$ is the 20% darker color. If you saturate the color by 10%, you get $28.3211, 0.3453, 0.3899$, and if you desaturate by 10%, it is $29.3338, 0.3190, 0.3405$.

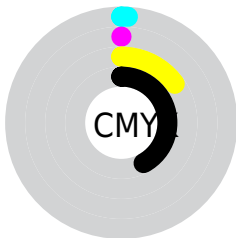
Distribution



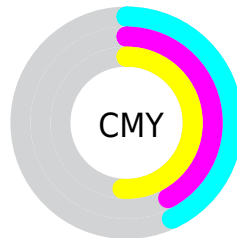
- Red (57%)
- Green (58%)
- Blue (49%)



- Red (49%)
- Yellow (58%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)





- Cyan (43%)
- Magenta (42%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7972, 0.3321, 0.3649 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 28.7972, 0.3321, 0.3649 by changing the saturation by 10% instead.


 28.7972, 0.3321,
0.3649


 28.7972, 0.3321,
0.3649


 296.2569, 0.3217,
0.3453

 18.9275, 0.3349,
0.3704


 57.7547, 0.3282,
0.3573


 11.6179, 0.3387,
0.3779


 77.6113, 0.3267,
0.3546


 6.4840, 0.3439,
0.3887


 101.5656, 0.3256,
0.3524

 3.1416, 0.3517,
0.4055

 130.0020, 0.3246,
0.3505

 1.2061, 0.3745,
0.4473

 163.3050, 0.3237,
0.3489

 0.0667, 0.0000,
1.0000

 201.8588, 0.3230,

 0.0000, 0.0000,

0.3476

0.0000

246.0480, 0.3223,
0.3464

■ 28.7972, 0.3321,
0.3649

■ 28.7972, 0.3321,
0.3649

■ 28.3211, 0.3453,
0.3899

■ 29.3338, 0.3190,
0.3405

■ 27.8992, 0.3582,
0.4147

■ 29.9295, 0.3063,
0.3172

■ 27.5302, 0.3703,
0.4386

■ 30.5877, 0.2942,
0.2953

■ 27.2112, 0.3811,
0.4607

■ 31.3106, 0.2828,
0.2750

■ 26.9390, 0.3901,
0.4799

■ 32.1000, 0.2723,
0.2563

■ 26.7100, 0.3969,
0.4956

■ 32.9579, 0.2626,
0.2393

■ 26.5203, 0.4012,
0.5072

■ 33.8861, 0.2538,
0.2238

■ 26.3644, 0.4031,
0.5146

■ 34.8864, 0.2457,
0.2099

■ 26.2904, 0.4037,
0.5177

■ 35.6871, 0.2407,
0.2008

Harmonies

Analogous

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



28.7972, 0.3472, 0.3600



28.7972, 0.3321, 0.3649



28.7972, 0.3121, 0.3595

Triad

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



28.7972, 0.3321, 0.3649



28.7972, 0.2740, 0.3089



28.7972, 0.3325, 0.3136

Complementary

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



28.7972, 0.3321, 0.3649



21.6469, 0.2917, 0.2909

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.



28.7972, 0.3123, 0.3009



28.7972, 0.3321, 0.3649



28.7972, 0.2790, 0.2978

Square

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



28.7972, 0.3321, 0.3649



28.7972, 0.2790, 0.3262



28.7972, 0.2928, 0.2952



28.7972, 0.3475, 0.3302

Rectangle

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



28.7972, 0.3321, 0.3649



28.7972, 0.2988, 0.3506



28.7972, 0.2928, 0.2952



28.7972, 0.3260, 0.3087

Sweetspot

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



28.7985, 0.3321, 0.3649



51.8330, 0.3180, 0.3386



23.1954, 0.3390, 0.3321



11.8163, 0.3189, 0.3403



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



28.7985, 0.3321, 0.3649



50.5039, 0.3367, 0.3736



27.8524, 0.3205, 0.3662



6.7180, 0.3246, 0.3510



22.4604, 0.4038, 0.5176



0.2812, 0.4120, 0.5111

Inverse Universe

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



21.6469, 0.2917, 0.2909



35.2977, 0.2862, 0.2810



22.5323, 0.3039, 0.2923



5.6568, 0.3002, 0.3062



1.9087, 0.1540, 0.0622



0.0284, 0.1729, 0.0726

Previews

White Background



This preview shows how the Yxy color 28.7972, 0.3321, 0.3649 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7972, 0.3321, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

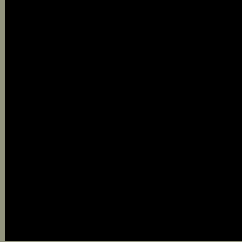
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

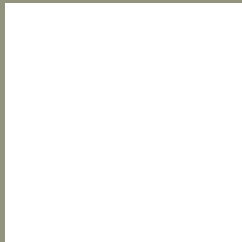
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.7972, 0.3321, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 28.7972, 0.3321, 0.3649.



This preview shows how white text looks on a background with the Yxy color 28.7972, 0.3321, 0.3649.

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

28.7972, 0.3321, 0.3649

Protanopia

28.9085, 0.3424, 0.3625

Deuteranopia

28.7975, 0.3564, 0.3504



Tritanopia

28.7971, 0.3083, 0.3119

Trichromacy



Original Color

28.7972, 0.3321, 0.3649

Protanomaly

28.9274, 0.3388, 0.3644

Deuteranomaly

28.8498, 0.3464, 0.3557

Tritanomaly

28.6540, 0.3179, 0.3306

Monochromacy



Original Color

28.7972, 0.3321, 0.3649

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.4125, 0.3195, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7972, 0.3321, 0.3649 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, 148, 126) looks like.

```
.text, #text, p{  
    color:rgb(146, 148, 126)  
}
```

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, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 148, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.7972, 0.3321, 0.3649 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, 148, 126) }
```

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

```
.border{ border-color:rgb(146, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(146, 148,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7972, 0.3321, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 148, 126) }
```

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

```
.background{ background-color: rgb(146,  
148, 126) }
```

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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