

Converting Colors

$Y_{xy}(28.3318, 0.3362, 0.3575)$

Have a look what the booklet for
Yxy(28.3318, 0.3362, 0.3575)
contains.

Yxy(28.2671, 0.3361, 0.3581)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.2671, 0.3361, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	96917F
RGB	150, 145, 127
RGB Percent	59%, 57%, 50%
CMY	0.4119, 0.4313, 0.5019
CMYK	0.00, 0.03, 0.15, 0.41
HSL	47°, 10%, 54%
HSV	47°, 15%, 59%
XYZ	26.5305, 28.2671, 24.1387
YIQ	144.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

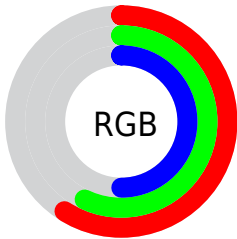
Format	Color
R_{YB}	133, 150, 127
Decimal	9867647
CIE Lab	60.13, -1.38, 10.21
CIE LCh	60, 10.304, 97.673
Yxy	28.2671, 0.3361, 0.3581
Android (android.graphics.Color)	4288057727 (0xFF96917F)
YUV	144.4430, -8.5994, 4.8735
Hunter-Lab	53.1668, -3.9695, 10.2980

Details

The Yxy color $28.2671, 0.3361, 0.3581$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.2082, 0.2891, 0.2981$, and the grayscale version is $28.1101, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.9795, 0.3308, 0.3519$, and $11.3871, 0.3441, 0.3692$ is the 20% darker color. If you saturate the color by 10%, you get $26.9296, 0.3527, 0.3778$, and if you desaturate by 10%, it is $29.6936, 0.3205, 0.3389$.

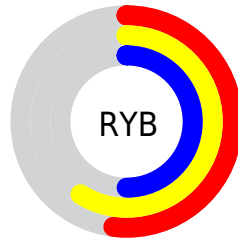
Distribution



Red (59%)

Green (57%)

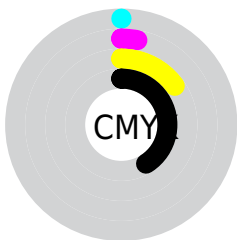
Blue (50%)



Red (52%)

Yellow (59%)

Blue (50%)

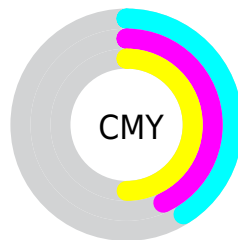


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (41%)



Cyan (41%)


Magenta (43%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2671, 0.3361, 0.3581 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 28.2671, 0.3361, 0.3581 by changing the saturation by 10% instead.


 28.2671, 0.3361,
0.3581


 28.2671, 0.3361,
0.3581


293.7410, 0.3235,
0.3423

 18.5271, 0.3396,
0.3625


 56.9106, 0.3313,
0.3520

 11.3291, 0.3443,
0.3685


 76.5829, 0.3295,
0.3498

 6.2886, 0.3510,
0.3771


 100.3347, 0.3281,
0.3480

 3.0214, 0.3613,
0.3903

128.5505, 0.3269,
0.3465

 1.1429, 0.3882,
0.4238

161.6146, 0.3258,
0.3452

 0.0143, 0.0000,
1.0000

199.9115, 0.3249,

 0.0000, 0.0000,

0.3441

0.0000

243.8255, 0.3242,
0.3431

■ 28.2671, 0.3361,
0.3581

■ 28.2671, 0.3361,
0.3581

■ 26.9296, 0.3527,
0.3778

■ 29.6936, 0.3205,
0.3389

■ 25.6744, 0.3700,
0.3976

■ 31.2080, 0.3061,
0.3205

■ 24.5000, 0.3877,
0.4166

■ 32.8139, 0.2929,
0.3033

■ 23.4030, 0.4051,
0.4340

■ 34.5139, 0.2810,
0.2872

■ 22.3800, 0.4215,
0.4488

■ 36.3101, 0.2702,
0.2724

■ 21.4269, 0.4363,
0.4602

■ 38.2047, 0.2604,
0.2588

■ 20.5394, 0.4487,
0.4674

■ 40.1998, 0.2517,
0.2463

■ 19.7115, 0.4584,
0.4702

■ 42.2974, 0.2439,
0.2349

■ 19.3372, 0.4627,
0.4708

■ 44.0415, 0.2403,
0.2312

Harmonies

Analogous

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



28.2671, 0.3452, 0.3505



28.2671, 0.3361, 0.3581



28.2671, 0.3209, 0.3578

Triad

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



28.2671, 0.3361, 0.3581



28.2671, 0.2812, 0.3190



28.2671, 0.3212, 0.3101

Complementary

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



28.2671, 0.3361, 0.3581



23.2082, 0.2891, 0.2981

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.



28.2671, 0.3039, 0.3020



28.2671, 0.3361, 0.3581



28.2671, 0.2812, 0.3067

Square

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



28.2671, 0.3361, 0.3581



28.2671, 0.2893, 0.3347



28.2671, 0.2894, 0.3007



28.2671, 0.3365, 0.3229

Rectangle

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



28.2671, 0.3361, 0.3581



28.2671, 0.3094, 0.3528



28.2671, 0.2894, 0.3007



28.2671, 0.3154, 0.3068

Sweetspot

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



28.2684, 0.3361, 0.3581



52.4786, 0.3202, 0.3385



23.3278, 0.3346, 0.3209



11.5936, 0.3212, 0.3397



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.



28.2684, 0.3361, 0.3581



49.1718, 0.3410, 0.3641



29.2182, 0.3280, 0.3666



6.5342, 0.3264, 0.3462



16.0918, 0.4623, 0.4711



0.2394, 0.4388, 0.4898

Inverse Universe

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



23.2082, 0.2891, 0.2981



38.6859, 0.2840, 0.2913



22.4105, 0.2959, 0.2902



5.8241, 0.2989, 0.3111



2.7424, 0.1572, 0.0858



0.0702, 0.1765, 0.1552

Previews

White Background



This preview shows how the Yxy color 28.2671, 0.3361, 0.3581 looks on a white background.

Color Contrast Check

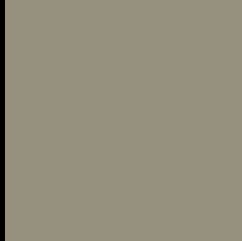
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2671, 0.3361, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

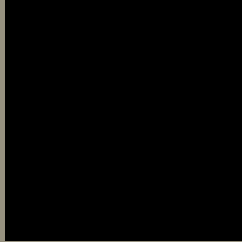
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2671, 0.3361, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 28.2671, 0.3361, 0.3581.



This preview shows how white text looks on a background with the Yxy color 28.2671, 0.3361, 0.3581.

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

28.2671, 0.3361, 0.3581

Protanopia

28.1542, 0.3386, 0.3563

Deuteranopia

28.3140, 0.3534, 0.3475



Tritanopia

28.0891, 0.3146, 0.3119

Trichromacy



Original Color

28.2671, 0.3361, 0.3581

Protanomaly

28.0581, 0.3375, 0.3564

Deuteranomaly

28.3781, 0.3471, 0.3509

Tritanomaly

28.0046, 0.3225, 0.3275

Monochromacy



Original Color

28.2671, 0.3361, 0.3581

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.8925, 0.3208, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2671, 0.3361, 0.3581 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(150, 145, 127)` looks like.

```
.text, #text, p{  
    color:rgb(150, 145, 127)  
}
```

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(150, 145, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 145, 127) }
```

Border

The CSS property to change the border of an element to Yxy 28.2671, 0.3361, 0.3581 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(150, 145, 127) }
```

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

```
.border{ border-color:rgb(150, 145, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 145, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 145, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 145, 127);  
box-shadow:4px 4px 4px 4px rgb(150, 145,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2671, 0.3361, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 145, 127) }
```

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

```
.background{ background-color: rgb(150,  
145, 127) }
```

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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