

Converting Colors

$Y_{xy}(28.5712, 0.3069, 0.3331)$

Have a look what the booklet for
Yxy(28.5712, 0.3069, 0.3331)
contains.

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Color

Yxy(28.4007, 0.3064, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	8B9391
RGB	139, 147, 145
RGB Percent	55%, 58%, 57%
CMY	0.4548, 0.4235, 0.4313
CMYK	0.05, 0.00, 0.01, 0.42
HSL	165°, 4%, 56%
HSV	165°, 5%, 58%
XYZ	26.1950, 28.4007, 30.8971
YIQ	144.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

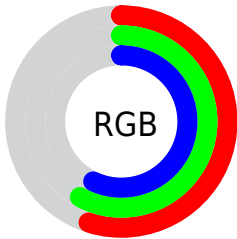
Format	Color
R_{YB}	139, 144, 147
Decimal	9147281
CIE Lab	60.25, -3.28, 0.04
CIE LCh	60, 3.276, 179.344
Yxy	28.4007, 0.3064, 0.3322
Android (android.graphics.Color)	4287337361 (0xFF8B9391)
YUV	144.3800, 0.3057, -4.7183
Hunter-Lab	53.2923, -5.5227, 2.9303

Details

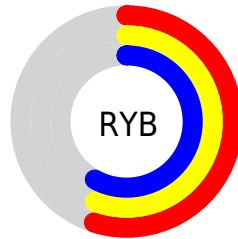
The Yxy color $28.4007, 0.3064, 0.3322$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.5955, 0.3194, 0.3258$, and the grayscale version is $28.0530, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.1033, 0.3072, 0.3314$, and $11.3158, 0.3036, 0.3314$ is the 20% darker color. If you saturate the color by 10%, you get $27.1097, 0.2951, 0.3386$, and if you desaturate by 10%, it is $29.8679, 0.3181, 0.3264$.

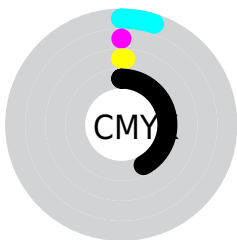
Distribution



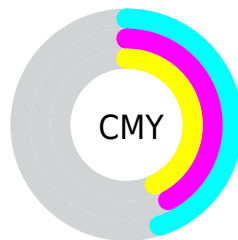
- Red (55%)
- Green (58%)
- Blue (57%)



- Red (55%)
- Yellow (56%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)



- Cyan (45%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.4007, 0.3064, 0.3322 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 28.4007, 0.3064, 0.3322 by changing the saturation by 10% instead.

■ 28.4007, 0.3064,
0.3322

■ 28.4007, 0.3064,
0.3322

■ 294.3767, 0.3098,
0.3305

■ 18.6279, 0.3054,
0.3327

■ 57.1235, 0.3077,
0.3315

■ 11.4017, 0.3042,
0.3333

■ 76.8424, 0.3082,
0.3313

■ 6.3377, 0.3023,
0.3343

■ 100.6454, 0.3086,
0.3311

■ 3.0515, 0.2994,
0.3357

■ 128.9170, 0.3089,
0.3309

■ 1.1587, 0.2944,
0.3382

■ 162.0415, 0.3092,
0.3308

■ 0.0276, 0.0000,
0.5016

■ 200.4034, 0.3094,

■ 0.0000, 0.0000,

0.3307

0.0000

244.3870, 0.3096,
0.3306

■ 28.4007, 0.3064,
0.3322

■ 28.4007, 0.3064,
0.3322

■ 27.1097, 0.2951,
0.3386

■ 29.8679, 0.3181,
0.3264

■ 25.9845, 0.2844,
0.3455

■ 31.5140, 0.3299,
0.3213

■ 25.0190, 0.2745,
0.3530

■ 33.3464, 0.3417,
0.3167

■ 24.2055, 0.2658,
0.3611

■ 35.3708, 0.3534,
0.3126

■ 23.5356, 0.2585,
0.3695

■ 37.5927, 0.3647,
0.3091

■ 23.0001, 0.2529,
0.3783

■ 40.0175, 0.3757,
0.3060

■ 22.5885, 0.2490,
0.3873

■ 42.6502, 0.3863,
0.3033

■ 22.2891, 0.2471,
0.3963

■ 45.1885, 0.3949,
0.3008

■ 22.0854, 0.2469,
0.4053

■ 45.3326, 0.3911,
0.2970

Harmonies

Analogous

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



28.4007, 0.3114, 0.3362



28.4007, 0.3064, 0.3322



28.4007, 0.3031, 0.3273

Triad

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



28.4007, 0.3064, 0.3322



28.4007, 0.3086, 0.3199



28.4007, 0.3233, 0.3350

Complementary

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



28.4007, 0.3064, 0.3322



26.5955, 0.3194, 0.3258

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.



28.4007, 0.3225, 0.3306



28.4007, 0.3064, 0.3322



28.4007, 0.3140, 0.3220

Square

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



28.4007, 0.3064, 0.3322



28.4007, 0.3043, 0.3203



28.4007, 0.3191, 0.3258



28.4007, 0.3212, 0.3378

Rectangle

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



28.4007, 0.3064, 0.3322



28.4007, 0.3022, 0.3243



28.4007, 0.3191, 0.3258



28.4007, 0.3233, 0.3336

Sweetspot

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



28.4019, 0.3064, 0.3322



51.7202, 0.3103, 0.3302



28.3949, 0.3142, 0.3420



11.8141, 0.3105, 0.3301



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.



28.4019, 0.3064, 0.3322



50.4474, 0.3044, 0.3333



27.8482, 0.3046, 0.3257



6.5953, 0.3042, 0.3334



19.0822, 0.2469, 0.4089



0.2382, 0.2353, 0.3669

Inverse Universe

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



26.5955, 0.3194, 0.3258



46.2384, 0.3217, 0.3248



27.1204, 0.3212, 0.3323



6.0281, 0.3220, 0.3247



5.4938, 0.5881, 0.3013



0.0714, 0.4851, 0.2446

Previews

White Background



This preview shows how the Yxy color 28.4007, 0.3064, 0.3322 looks on a white background.

Color Contrast Check

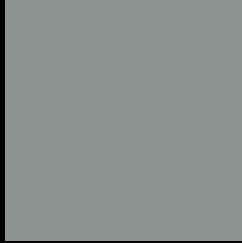
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4007, 0.3064, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

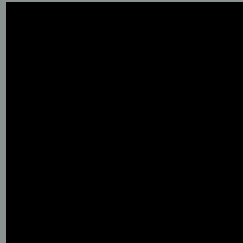
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

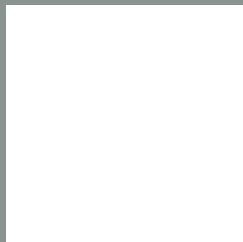
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.4007, 0.3064, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 28.4007, 0.3064, 0.3322.



This preview shows how white text looks on a background with the Yxy color 28.4007, 0.3064, 0.3322.

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

28.4007, 0.3064, 0.3322

Protanopia

28.2560, 0.3170, 0.3290

Deuteranopia

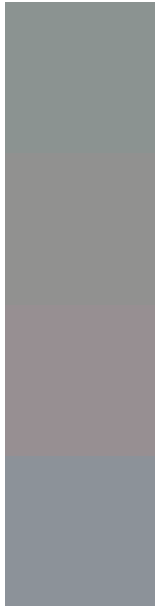
28.3942, 0.3261, 0.3213



Tritanopia

28.3478, 0.2973, 0.3099

Trichromacy



Original Color

28.4007, 0.3064, 0.3322

Protanomaly

28.2842, 0.3137, 0.3306

Deuteranomaly

28.2996, 0.3183, 0.3243

Tritanomaly

28.4331, 0.3000, 0.3177

Monochromacy



Original Color

28.4007, 0.3064, 0.3322

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0152, 0.3105, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4007, 0.3064, 0.3322 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, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(139, 147, 145)  
}
```

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, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 147, 145) }
```

Border

The CSS property to change the border of an element to Yxy 28.4007, 0.3064, 0.3322 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, 147, 145) }
```

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

```
.border{ border-color:rgb(139, 147, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 147, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(139, 147,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4007, 0.3064, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 147, 145) }
```

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

```
.background{ background-color: rgb(139,  
147, 145) }
```

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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