

Converting Colors

$Y_{xy}(28.1625, 0.3140, 0.3455)$

Have a look what the booklet for
Yxy(28.1625, 0.3140, 0.3455)
contains.

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Color

Yxy(28.1625, 0.3140, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	8B9389
RGB	139, 147, 137
RGB Percent	55%, 58%, 54%
CMY	0.4550, 0.4235, 0.4627
CMYK	0.05, 0.00, 0.07, 0.42
HSL	108°, 4%, 56%
HSV	108°, 7%, 58%
XYZ	25.5949, 28.1625, 27.7549
YIQ	143.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

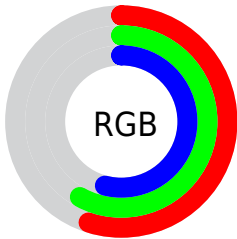
Format	Color
R_YB	137, 147, 145
Decimal	9147273
CIE Lab	60.04, -4.86, 4.28
CIE LCh	60, 6.477, 138.590
Yxy	28.1625, 0.3140, 0.3455
Android (android.graphics.Color)	4287337353 (0xFF8B9389)
YUV	143.4680, -3.1887, -3.9184
Hunter-Lab	53.0684, -6.7791, 6.1390

Details

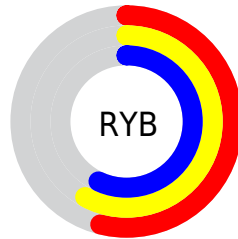
The Yxy color $28.1625, 0.3140, 0.3455$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.0213, 0.3113, 0.3128$, and the grayscale version is $27.6783, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.6975, 0.3136, 0.3425$, and $11.1777, 0.3147, 0.3510$ is the 20% darker color. If you saturate the color by 10%, you get $26.8096, 0.3158, 0.3721$, and if you desaturate by 10%, it is $29.6847, 0.3121, 0.3217$.

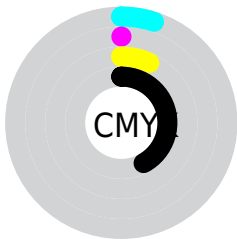
Distribution



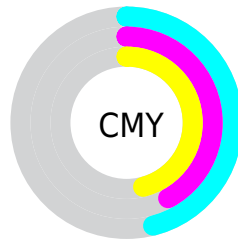
- Red (55%)
- Green (58%)
- Blue (54%)



- Red (54%)
- Yellow (58%)
- Blue (57%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)





- Cyan (46%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1625, 0.3140, 0.3455 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 28.1625, 0.3140, 0.3455 by changing the saturation by 10% instead.

 28.1625, 0.3140,
0.3455


 28.1625, 0.3140,
0.3455


293.2426, 0.3133,
0.3365


 18.4482, 0.3142,
0.3481


 56.7438, 0.3138,
0.3420

 11.2722, 0.3144,
0.3515


 76.3795, 0.3137,
0.3408

 6.2503, 0.3147,
0.3566


 100.0912, 0.3136,
0.3397

 2.9978, 0.3150,
0.3646

128.2633, 0.3135,
0.3389

 1.1306, 0.3156,
0.3792

161.2800, 0.3135,
0.3381

 0.0039, 0.0000,
1.0000

199.5259, 0.3134,

 0.0000, 0.0000,

0.3375

0.0000

243.3853, 0.3134,
0.3370

■ 28.1625, 0.3140,
0.3455

■ 28.1625, 0.3140,
0.3455

■ 26.8096, 0.3158,
0.3721

■ 29.6847, 0.3121,
0.3217

■ 25.6167, 0.3172,
0.4014

■ 31.3781, 0.3101,
0.3006

■ 24.5788, 0.3183,
0.4329

■ 33.2491, 0.3082,
0.2821

■ 23.6895, 0.3188,
0.4657

■ 35.3027, 0.3063,
0.2659

■ 22.9417, 0.3184,
0.4984

■ 37.5437, 0.3045,
0.2518

■ 22.3280, 0.3172,
0.5291

■ 39.9768, 0.3028,
0.2394

■ 21.8402, 0.3150,
0.5556

■ 42.6064, 0.3011,
0.2286

■ 21.4688, 0.3120,
0.5762

■ 45.4367, 0.2996,
0.2191

■ 21.2016, 0.3085,
0.5901

■ 47.5158, 0.3092,
0.2221

Harmonies

Analogous

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



28.1625, 0.3243, 0.3478



28.1625, 0.3140, 0.3455



28.1625, 0.3035, 0.3386

Triad

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



28.1625, 0.3140, 0.3455



28.1625, 0.2941, 0.3131



28.1625, 0.3302, 0.3286

Complementary

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



28.1625, 0.3140, 0.3455



26.0213, 0.3113, 0.3128

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.



28.1625, 0.3219, 0.3197



28.1625, 0.3140, 0.3455



28.1625, 0.3010, 0.3108

Square

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



28.1625, 0.3140, 0.3455



28.1625, 0.2921, 0.3197



28.1625, 0.3112, 0.3132



28.1625, 0.3338, 0.3378

Rectangle

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



28.1625, 0.3140, 0.3455



28.1625, 0.2977, 0.3323



28.1625, 0.3112, 0.3132



28.1625, 0.3279, 0.3255

Sweetspot

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



28.1637, 0.3140, 0.3455



51.6914, 0.3131, 0.3338



28.2628, 0.3227, 0.3419



11.8079, 0.3131, 0.3335



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.



28.1637, 0.3140, 0.3455



50.0849, 0.3142, 0.3490



28.0820, 0.3091, 0.3406



6.5205, 0.3144, 0.3516



18.3279, 0.3079, 0.5937



0.2345, 0.3329, 0.5739

Inverse Universe

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



26.0213, 0.3113, 0.3128



45.5228, 0.3110, 0.3095



26.1100, 0.3166, 0.3177



5.8518, 0.3108, 0.3070



5.1679, 0.2724, 0.1274



0.0751, 0.2972, 0.1411

Previews

White Background



This preview shows how the Yxy color 28.1625, 0.3140, 0.3455 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 28.1625, 0.3140, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

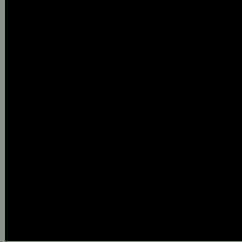
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

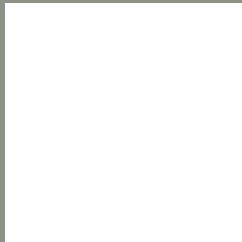
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.1625, 0.3140, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 28.1625, 0.3140, 0.3455.



This preview shows how white text looks on a background with the Yxy color 28.1625, 0.3140, 0.3455.

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

28.1625, 0.3140, 0.3455

Protanopia

28.0853, 0.3271, 0.3435

Deuteranopia

28.1682, 0.3380, 0.3322



Tritanopia

28.0976, 0.2992, 0.3099

Trichromacy



Original Color

28.1625, 0.3140, 0.3455

Protanomaly

28.0481, 0.3216, 0.3437

Deuteranomaly

28.2522, 0.3285, 0.3370

Tritanomaly

28.0834, 0.3047, 0.3225

Monochromacy



Original Color

28.1625, 0.3140, 0.3455

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.6204, 0.3135, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1625, 0.3140, 0.3455 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(139, 147, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 147, 137) }
```

Border

The CSS property to change the border of an element to Yxy 28.1625, 0.3140, 0.3455 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, 137) }
```

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

```
.border{ border-color:rgb(139, 147, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 147, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 147, 137);  
box-shadow:4px 4px 4px 4px rgb(139, 147,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1625, 0.3140, 0.3455 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, 137) }
```

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

```
.background{ background-color: rgb(139,  
147, 137) }
```

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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