

Converting Colors

$Y_{xy}(29.1240, 0.3090, 0.3433)$

Have a look what the booklet for
Yxy(29.1240, 0.3090, 0.3433)
contains.

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Color

Yxy(29.1391, 0.3090, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	8A968D
RGB	138, 150, 141
RGB Percent	54%, 59%, 55%
CMY	0.4588, 0.4118, 0.4470
CMYK	0.08, 0.00, 0.06, 0.41
HSL	135°, 5%, 56%
HSV	135°, 8%, 59%
XYZ	26.1972, 29.1391, 29.4443
YIQ	145.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

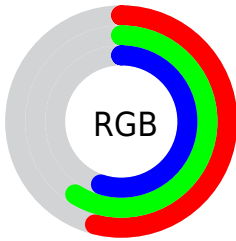
Format	Color
R_{YB}	138, 148, 150
Decimal	9082509
CIE Lab	60.90, -6.09, 3.26
CIE LCh	61, 6.908, 151.839
Yxy	29.1391, 0.3090, 0.3437
Android (android.graphics.Color)	4287272589 (0xFF8A968D)
YUV	145.3860, -2.1623, -6.4775
Hunter-Lab	53.9806, -7.8387, 5.4461

Details

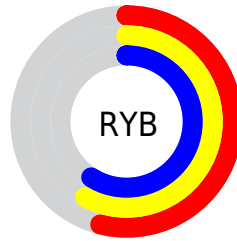
The Yxy color $29.1391, 0.3090, 0.3437$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.7721, 0.3167, 0.3147$, and the grayscale version is $28.4924, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.2022, 0.3092, 0.3400$, and $11.7537, 0.3074, 0.3483$ is the 20% darker color. If you saturate the color by 10%, you get $27.6295, 0.3043, 0.3642$, and if you desaturate by 10%, it is $30.8619, 0.3136, 0.3255$.

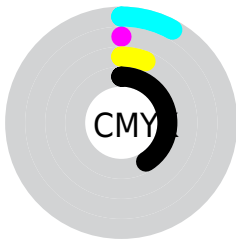
Distribution



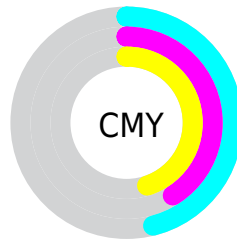
- Red (54%)
- Green (59%)
- Blue (55%)



- Red (54%)
- Yellow (58%)
- Blue (59%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.1391, 0.3090, 0.3437 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 29.1391, 0.3090, 0.3437 by changing the saturation by 10% instead.

■ 29.1391, 0.3090,
0.3437

■ 29.1391, 0.3090,
0.3437

■ 297.8707, 0.3110,
0.3357

■ 19.1861, 0.3084,
0.3459

■ 58.2980, 0.3098,
0.3406

■ 11.8048, 0.3076,
0.3490

■ 78.2727, 0.3101,
0.3395

■ 6.6109, 0.3065,
0.3534

■ 102.3567, 0.3103,
0.3386

■ 3.2200, 0.3046,
0.3603

■ 130.9345, 0.3105,
0.3378

■ 1.2476, 0.3013,
0.3727

■ 164.3903, 0.3107,
0.3372

■ 0.1001, 0.0000,
1.0000

■ 203.1087, 0.3108,

■ 0.0000, 0.0000,

0.3366

0.0000

247.4741, 0.3109,
0.3361

■ 29.1391, 0.3090,
0.3437

■ 29.1391, 0.3090,
0.3437

■ 27.6295, 0.3043,
0.3642

■ 30.8619, 0.3136,
0.3255

■ 26.3213, 0.2998,
0.3870

■ 32.8021, 0.3182,
0.3095

■ 25.2069, 0.2956,
0.4120

■ 34.9681, 0.3225,
0.2956

■ 24.2769, 0.2921,
0.4388

■ 37.3671, 0.3266,
0.2834

■ 23.5212, 0.2893,
0.4666

■ 40.0056, 0.3305,
0.2728

■ 22.9284, 0.2877,
0.4944

■ 42.8903, 0.3341,
0.2636

■ 22.4862, 0.2875,
0.5209

■ 46.0271, 0.3375,
0.2556

■ 22.1798, 0.2886,
0.5447

■ 48.8460, 0.3380,
0.2480

■ 21.9831, 0.2908,
0.5647

■ 49.5030, 0.3281,
0.2381

Harmonies

Analogous

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



29.1391, 0.3204, 0.3484



29.1391, 0.3090, 0.3437



29.1391, 0.2988, 0.3348

Triad

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



29.1391, 0.3090, 0.3437



29.1391, 0.2957, 0.3105



29.1391, 0.3336, 0.3330

Complementary

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



29.1391, 0.3090, 0.3437



26.7721, 0.3167, 0.3147

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.



29.1391, 0.3267, 0.3232



29.1391, 0.3090, 0.3437



29.1391, 0.3048, 0.3104

Square

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



29.1391, 0.3090, 0.3437



29.1391, 0.2912, 0.3156



29.1391, 0.3162, 0.3150



29.1391, 0.3347, 0.3420

Rectangle

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



29.1391, 0.3090, 0.3437



29.1391, 0.2939, 0.3279



29.1391, 0.3162, 0.3150



29.1391, 0.3319, 0.3297

Sweetspot

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



29.1403, 0.3090, 0.3437



53.1888, 0.3118, 0.3326



29.8698, 0.3213, 0.3481



11.7961, 0.3118, 0.3324



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.



29.1403, 0.3090, 0.3437



50.8066, 0.3080, 0.3480



29.3175, 0.3036, 0.3342



6.4908, 0.3084, 0.3460



18.2085, 0.2909, 0.5671



0.2270, 0.2698, 0.4914

Inverse Universe

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



26.7721, 0.3167, 0.3147



45.5502, 0.3178, 0.3107



26.5946, 0.3227, 0.3239



5.8847, 0.3173, 0.3125



6.3640, 0.3940, 0.1944



0.0826, 0.3541, 0.1724

Previews

White Background



This preview shows how the Yxy color 29.1391, 0.3090, 0.3437 looks on a white background.

Color Contrast Check

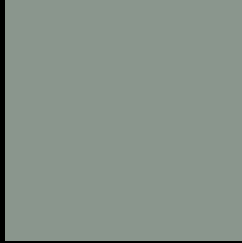
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1391, 0.3090, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

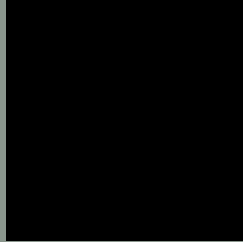
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

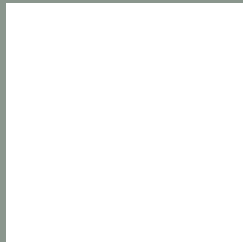
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.1391, 0.3090, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 29.1391, 0.3090, 0.3437.



This preview shows how white text looks on a background with the Yxy color 29.1391, 0.3090, 0.3437.

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

29.1391, 0.3090, 0.3437

Protanopia

29.0012, 0.3249, 0.3401

Deuteranopia

29.0106, 0.3334, 0.3275



Tritanopia

29.0334, 0.2955, 0.3100

Trichromacy



Original Color

29.1391, 0.3090, 0.3437

Protanomaly

28.8719, 0.3185, 0.3403

Deuteranomaly

28.9761, 0.3242, 0.3337

Tritanomaly

29.0223, 0.3009, 0.3226

Monochromacy



Original Color

29.1391, 0.3090, 0.3437

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.6318, 0.3104, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1391, 0.3090, 0.3437 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(138, 150, 141)` looks like.

```
.text, #text, p{  
    color:rgb(138, 150, 141)  
}
```

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(138, 150, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 150, 141) }
```

Border

The CSS property to change the border of an element to Yxy 29.1391, 0.3090, 0.3437 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(138, 150, 141) }
```

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

```
.border{ border-color:rgb(138, 150, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 150, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 150, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 150, 141); box-shadow:4px 4px 4px 4px rgb(138, 150, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1391, 0.3090, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 150, 141) }
```

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

```
.background{ background-color: rgb(138,  
150, 141) }
```

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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