

Converting Colors

$Y_{xy}(24.2689, 0.3094, 0.3389)$

Have a look what the booklet for
Yxy(24.2689, 0.3094, 0.3389)
contains.

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Color

Yxy(24.2244, 0.3090, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	818984
RGB	129, 137, 132
RGB Percent	51%, 54%, 52%
CMY	0.4941, 0.4627, 0.4823
CMYK	0.06, 0.00, 0.04, 0.46
HSL	143°, 3%, 52%
HSV	143°, 6%, 54%
XYZ	22.1656, 24.2244, 25.3434
YIQ	134.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

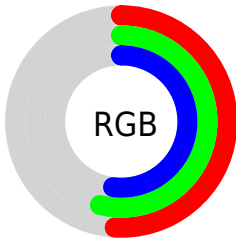
Format	Color
R_YB	129, 135, 137
Decimal	8489348
CIE Lab	56.31, -3.93, 1.65
CIE LCh	56, 4.257, 157.211
Yxy	24.2244, 0.3090, 0.3377
Android (android.graphics.Color)	4286679428 (0xFF818984)
YUV	134.0380, -1.0047, -4.4183
Hunter-Lab	49.2183, -5.7438, 3.9232

Details

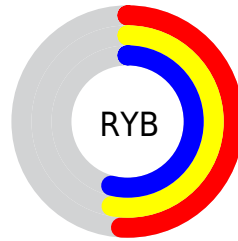
The Yxy color $24.2244, 0.3090, 0.3377$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.7422, 0.3166, 0.3205$, and the grayscale version is $23.8608, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2748, 0.3100, 0.3354$, and $9.1464, 0.3073, 0.3395$ is the 20% darker color. If you saturate the color by 10%, you get $22.9990, 0.3027, 0.3541$, and if you desaturate by 10%, it is $25.6148, 0.3154, 0.3231$.

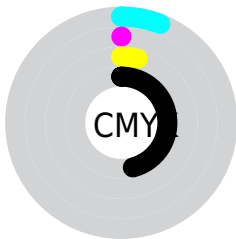
Distribution



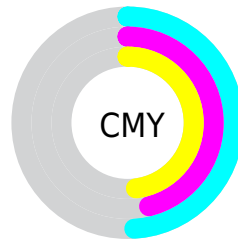
- Red (51%)
- Green (54%)
- Blue (52%)



- Red (51%)
- Yellow (53%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.2244, 0.3090, 0.3377 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 24.2244, 0.3090, 0.3377 by changing the saturation by 10% instead.

■ 24.2244, 0.3090,
0.3377

■ 24.2244, 0.3090,
0.3377

273.9530, 0.3111,
0.3329

■ 15.5002, 0.3084,
0.3391

■ 50.3961, 0.3098,
0.3358

■ 9.1712, 0.3075,
0.3411

■ 68.6124, 0.3101,
0.3351

■ 4.8530, 0.3063,
0.3440

■ 90.7615, 0.3103,
0.3346

■ 2.1613, 0.3042,
0.3488

117.2278, 0.3105,
0.3341

■ 0.6988, 0.2971,
0.3653

148.3958, 0.3107,
0.3337

■ 0.0000, 0.0000,
0.0000

184.6497, 0.3108,

0.3334

226.3739, 0.3110,
0.3331

■ 24.2244, 0.3090,
0.3377

■ 24.2244, 0.3090,
0.3377

■ 22.9990, 0.3027,
0.3541

■ 25.6148, 0.3154,
0.3231

■ 21.9295, 0.2966,
0.3722

■ 27.1731, 0.3216,
0.3103

■ 21.0103, 0.2909,
0.3922

■ 28.9056, 0.3277,
0.2990

■ 20.2344, 0.2859,
0.4137

■ 30.8178, 0.3336,
0.2890

■ 19.5943, 0.2820,
0.4365

■ 32.9145, 0.3391,
0.2804

■ 19.0816, 0.2793,
0.4600

■ 35.2008, 0.3444,
0.2728

■ 18.6872, 0.2782,
0.4835

■ 37.6812, 0.3494,
0.2662

■ 18.4004, 0.2788,
0.5060

■ 40.3601, 0.3541,
0.2604

■ 18.2053, 0.2810,
0.5269

■ 43.2421, 0.3584,
0.2554

Harmonies

Analogous

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



24.2244, 0.3165, 0.3414



24.2244, 0.3090, 0.3377



24.2244, 0.3026, 0.3316

Triad

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



24.2244, 0.3090, 0.3377



24.2244, 0.3025, 0.3166



24.2244, 0.3268, 0.3328

Complementary

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



24.2244, 0.3090, 0.3377



22.7422, 0.3166, 0.3205

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.



24.2244, 0.3229, 0.3263



24.2244, 0.3090, 0.3377



24.2244, 0.3089, 0.3170

Square

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



24.2244, 0.3090, 0.3377



24.2244, 0.2988, 0.3194



24.2244, 0.3163, 0.3206



24.2244, 0.3268, 0.3384

Rectangle

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



24.2244, 0.3090, 0.3377



24.2244, 0.2997, 0.3271



24.2244, 0.3163, 0.3206



24.2244, 0.3259, 0.3307

Sweetspot

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



24.2254, 0.3090, 0.3377



44.2915, 0.3114, 0.3320



24.5504, 0.3177, 0.3428



9.9420, 0.3115, 0.3318



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



24.2254, 0.3090, 0.3377



43.0769, 0.3082, 0.3398



24.3347, 0.3051, 0.3308



5.6924, 0.3080, 0.3400



16.8954, 0.2818, 0.5346



0.1149, 0.2587, 0.4513

Inverse Universe

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



22.7422, 0.3166, 0.3205



39.8465, 0.3176, 0.3185



22.6350, 0.3209, 0.3272



5.2553, 0.3177, 0.3182



5.5734, 0.4404, 0.2200



0.0399, 0.3765, 0.1847

Previews

White Background



This preview shows how the Yxy color 24.2244, 0.3090, 0.3377 looks on a white background.

Color Contrast Check

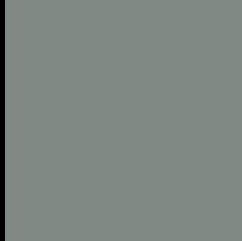
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2244, 0.3090, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

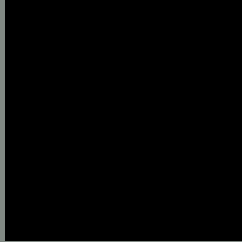
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

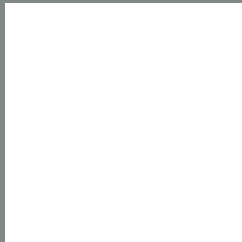
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.2244, 0.3090, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 24.2244, 0.3090, 0.3377.



This preview shows how white text looks on a background with the Yxy color 24.2244, 0.3090, 0.3377.

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

24.2244, 0.3090, 0.3377

Protanopia

24.0652, 0.3215, 0.3359

Deuteranopia

24.2220, 0.3303, 0.3258



Tritanopia

24.2286, 0.2973, 0.3103

Trichromacy



Original Color

24.2244, 0.3090, 0.3377

Protanomaly

24.1175, 0.3169, 0.3359

Deuteranomaly

24.1312, 0.3219, 0.3290

Tritanomaly

24.2772, 0.3011, 0.3204

Monochromacy



Original Color

24.2244, 0.3090, 0.3377

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.9269, 0.3114, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2244, 0.3090, 0.3377 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(129, 137, 132)` looks like.

```
.text, #text, p{  
    color:rgb(129, 137, 132)  
}
```

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(129, 137, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 137, 132) }
```

Border

The CSS property to change the border of an element to Yxy 24.2244, 0.3090, 0.3377 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(129, 137, 132) }
```

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

```
.border{ border-color:rgb(129, 137, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 137, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 137, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 137, 132);  
box-shadow:4px 4px 4px 4px rgb(129, 137,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2244, 0.3090, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 137, 132) }
```

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

```
.background{ background-color: rgb(129,  
137, 132) }
```

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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