

Converting Colors

$Y_{xy}(25.5528, 0.2991, 0.3377)$

Have a look what the booklet for
Yxy(25.5528, 0.2991, 0.3377)
contains.

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Color

Yxy(25.5121, 0.2997, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	7D8E89
RGB	125, 142, 137
RGB Percent	49%, 56%, 54%
CMY	0.5099, 0.4431, 0.4628
CMYK	0.12, 0.00, 0.04, 0.44
HSL	162°, 7%, 52%
HSV	162°, 12%, 56%
XYZ	22.6413, 25.5121, 27.3932
YIQ	136.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

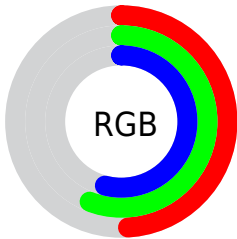
Format	Color
R_YB	125, 135, 142
Decimal	8228489
CIE Lab	57.57, -7.17, 0.59
CIE LCh	58, 7.191, 175.302
Yxy	25.5121, 0.2997, 0.3377
Android (android.graphics.Color)	4286418569 (0xFF7D8E89)
YUV	136.3470, 0.3219, -9.9513
Hunter-Lab	50.5095, -8.3774, 3.2014

Details

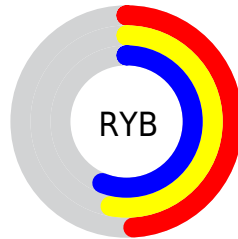
The Yxy color $25.5121, 0.2997, 0.3377$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.0222, 0.3277, 0.3205$, and the grayscale version is $24.7568, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.6625, 0.3030, 0.3366$, and $9.8789, 0.2953, 0.3421$ is the 20% darker color. If you saturate the color by 10%, you get $24.4022, 0.2893, 0.3458$, and if you desaturate by 10%, it is $26.7816, 0.3105, 0.3304$.

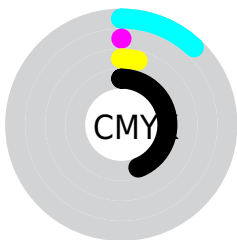
Distribution



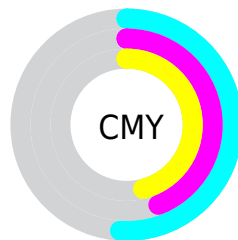
- Red (49%)
- Green (56%)
- Blue (54%)



- Red (49%)
- Yellow (53%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5121, 0.2997, 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 25.5121, 0.2997, 0.3377 by changing the saturation by 10% instead.

■ 25.5121, 0.2997,
0.3377

■ 25.5121, 0.2997,
0.3377

280.3787, 0.3069,
0.3329

■ 16.4590, 0.2976,
0.3391

■ 52.4868, 0.3025,
0.3358

■ 9.8495, 0.2948,
0.3410

■ 71.1772, 0.3035,
0.3352

■ 5.2993, 0.2907,
0.3437

■ 93.8488, 0.3043,
0.3346

■ 2.4239, 0.2842,
0.3482

120.8860, 0.3050,
0.3342

■ 0.8382, 0.2667,
0.3595

152.6732, 0.3056,
0.3338

■ 0.0000, 0.0000,
0.0000

189.5948, 0.3061,

0.3335

232.0351, 0.3065,
0.3332

■ 25.5121, 0.2997,
0.3377

■ 25.5121, 0.2997,
0.3377

■ 24.4022, 0.2893,
0.3458

■ 26.7816, 0.3105,
0.3304

■ 23.4422, 0.2797,
0.3545

■ 28.2137, 0.3216,
0.3238

■ 22.6262, 0.2711,
0.3639

■ 29.8151, 0.3327,
0.3179

■ 21.9467, 0.2637,
0.3739

■ 31.5914, 0.3437,
0.3127

■ 21.3954, 0.2578,
0.3844

■ 33.5479, 0.3544,
0.3081

■ 20.9632, 0.2537,
0.3952

■ 35.6895, 0.3649,
0.3040

■ 20.6398, 0.2514,
0.4061

■ 38.0211, 0.3750,
0.3005

■ 20.4129, 0.2510,
0.4169

■ 40.5474, 0.3846,
0.2975

■ 20.2730, 0.2516,
0.4256

■ 43.2728, 0.3939,
0.2948

Harmonies

Analogous

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



25.5121, 0.3114, 0.3466



25.5121, 0.2997, 0.3377



25.5121, 0.2916, 0.3265

Triad

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



25.5121, 0.2997, 0.3377



25.5121, 0.3017, 0.3083



25.5121, 0.3370, 0.3411

Complementary

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



25.5121, 0.2997, 0.3377



22.0222, 0.3277, 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.



25.5121, 0.3343, 0.3309



25.5121, 0.2997, 0.3377



25.5121, 0.3137, 0.3123

Square

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



25.5121, 0.2997, 0.3377



25.5121, 0.2927, 0.3097



25.5121, 0.3257, 0.3205



25.5121, 0.3330, 0.3484

Rectangle

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



25.5121, 0.2997, 0.3377



25.5121, 0.2892, 0.3193



25.5121, 0.3257, 0.3205



25.5121, 0.3368, 0.3379

Sweetspot

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



25.5132, 0.2997, 0.3377



46.7291, 0.3082, 0.3318



25.5819, 0.3168, 0.3587



10.4019, 0.3075, 0.3323



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



25.5132, 0.2997, 0.3377



44.5091, 0.2973, 0.3395



24.6615, 0.2949, 0.3230



6.0896, 0.3027, 0.3356



18.2018, 0.2514, 0.4251



0.1779, 0.2376, 0.3754

Inverse Universe

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



22.0222, 0.3277, 0.3205



37.2931, 0.3309, 0.3188



22.7683, 0.3328, 0.3349



5.4486, 0.3238, 0.3225



5.3154, 0.5718, 0.2923



0.0543, 0.4661, 0.2341

Previews

White Background



This preview shows how the Yxy color 25.5121, 0.2997, 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 25.5121, 0.2997, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

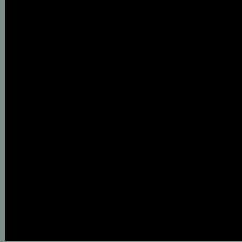
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

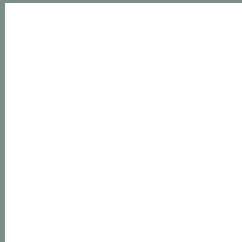
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5121, 0.2997, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 25.5121, 0.2997, 0.3377.



This preview shows how white text looks on a background with the Yxy color 25.5121, 0.2997, 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

25.5121, 0.2997, 0.3377

Protanopia

25.2753, 0.3203, 0.3340

Deuteranopia

25.4936, 0.3267, 0.3210



Tritanopia

25.5026, 0.2886, 0.3104

Trichromacy



Original Color

25.5121, 0.2997, 0.3377

Protanomaly

25.3654, 0.3124, 0.3358

Deuteranomaly

25.4771, 0.3172, 0.3274

Tritanomaly

25.5607, 0.2923, 0.3204

Monochromacy



Original Color

25.5121, 0.2997, 0.3377

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.8601, 0.3082, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5121, 0.2997, 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(125, 142, 137)` looks like.

```
.text, #text, p{  
    color:rgb(125, 142, 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(125, 142, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 142, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.5121, 0.2997, 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(125, 142, 137) }
```

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

```
.border{ border-color:rgb(125, 142, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 142, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 142, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 142, 137);  
box-shadow:4px 4px 4px 4px rgb(125, 142,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5121, 0.2997, 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(125, 142, 137) }
```

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

```
.background{ background-color: rgb(125,  
142, 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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