

Converting Colors

$Y_{xy}(25.7714, 0.3121, 0.3737)$

Have a look what the booklet for
 $\text{Yxy}(25.7714, 0.3121, 0.3737)$
contains.

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Color

Yxy(25.7444, 0.3127, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	7A9178
RGB	122, 145, 120
RGB Percent	48%, 57%, 47%
CMY	0.5216, 0.4314, 0.5294
CMYK	0.16, 0.00, 0.17, 0.43
HSL	115°, 10%, 52%
HSV	115°, 17%, 57%
XYZ	21.5421, 25.7444, 21.6041
YIQ	135.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

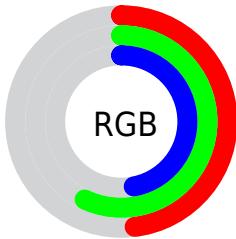
Format	Color
R_{YB}	120, 145, 143
Decimal	8032632
CIE _{Lab}	57.79, -13.23, 10.58
CIE _{LCh}	58, 16.937, 141.344
Y _{xy}	25.7444, 0.3127, 0.3737
Android (android.graphics.Color)	4286222712 (0xFF7A9178)
YUV	135.2730, -7.5296, -11.6404
Hunter-Lab	50.7389, -13.0079, 10.2722

Details

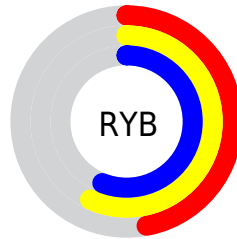
The Yxy color **25.7444, 0.3127, 0.3737** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.3183, 0.3123, 0.2875**, and the grayscale version is **24.3661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9394, 0.3134, 0.3643**, and **10.0558, 0.3127, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **24.5117, 0.3124, 0.4037**, and if you desaturate by 10%, it is **27.1663, 0.3128, 0.3466**.

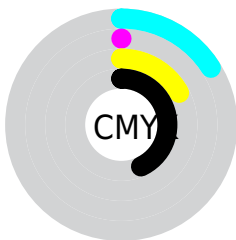
Distribution



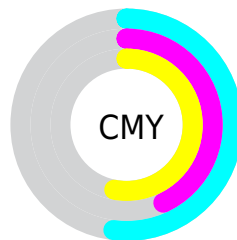
- Red (48%)
- Green (57%)
- Blue (47%)



- Red (47%)
- Yellow (57%)
- Blue (56%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (43%)





- Cyan (52%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7444, 0.3127, 0.3737 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 25.7444, 0.3127, 0.3737 by changing the saturation by 10% instead.

 25.7444, 0.3127,
0.3737


 25.7444, 0.3127,
0.3737


281.5251, 0.3130,
0.3485


 16.6325, 0.3125,
0.3811


 52.8623, 0.3129,
0.3638

 9.9728, 0.3120,
0.3915


 71.6371, 0.3130,
0.3603

 5.3810, 0.3111,
0.4071

 94.4017, 0.3130,
0.3574

 2.4725, 0.3091,
0.4327

121.5405, 0.3130,
0.3551

 0.8628, 0.3188,
0.5531

153.4378, 0.3130,
0.3531

 0.0000, 0.0000,
0.0000

190.4781, 0.3130,

0.3513

233.0457, 0.3130,
0.3499

■ 25.7444, 0.3127,
0.3737

■ 25.7444, 0.3127,
0.3737

■ 24.5117, 0.3124,
0.4037

■ 27.1663, 0.3128,
0.3466

■ 23.4571, 0.3119,
0.4363

■ 28.7815, 0.3127,
0.3227

■ 22.5734, 0.3110,
0.4703

■ 30.5979, 0.3125,
0.3017


■ 21.8515, 0.3097,
0.5041


■ 32.6223, 0.3122,
0.2835

■ 21.2816, 0.3081,
0.5357


■ 34.8609, 0.3118,
0.2677


 20.8527, 0.3063,
0.5625


 37.3197, 0.3115,
0.2540

 20.5525, 0.3043,
0.5825

 40.0045, 0.3111,
0.2422

 20.3642, 0.3025,
0.5952

 42.9210, 0.3107,
0.2320

 20.3268, 0.3023,
0.5982

 46.0744, 0.3103,
0.2231

Harmonies

Analogous

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



25.7444, 0.3410, 0.3805



25.7444, 0.3127, 0.3737



25.7444, 0.2853, 0.3530

Triad

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



25.7444, 0.3127, 0.3737



25.7444, 0.2647, 0.2853



25.7444, 0.3619, 0.3293

Complementary

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



25.7444, 0.3127, 0.3737



21.3183, 0.3123, 0.2875

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.



25.7444, 0.3396, 0.3064



25.7444, 0.3127, 0.3737



25.7444, 0.2834, 0.2815

Square

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



25.7444, 0.3127, 0.3737



25.7444, 0.2584, 0.3009



25.7444, 0.3106, 0.2892



25.7444, 0.3703, 0.3531

Rectangle

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



25.7444, 0.3127, 0.3737



25.7444, 0.2710, 0.3349



25.7444, 0.3106, 0.2892



25.7444, 0.3557, 0.3213

Sweetspot

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



25.7455, 0.3127, 0.3737



49.2373, 0.3128, 0.3413



26.9967, 0.3383, 0.3671



10.9147, 0.3128, 0.3428



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.7455, 0.3127, 0.3737



45.1374, 0.3126, 0.3860



25.8679, 0.3008, 0.3548



6.0487, 0.3128, 0.3516



17.4397, 0.3025, 0.5980



0.1700, 0.3141, 0.5888

Inverse Universe

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



21.3183, 0.3123, 0.2875



35.5594, 0.3121, 0.2771



21.1916, 0.3267, 0.3045



5.4894, 0.3125, 0.3072



6.0639, 0.3014, 0.1434



0.0622, 0.3118, 0.1491

Previews

White Background



This preview shows how the Yxy color 25.7444, 0.3127, 0.3737 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 25.7444, 0.3127, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

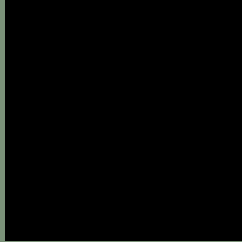
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7444, 0.3127, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 25.7444, 0.3127, 0.3737.



This preview shows how white text looks on a background with the Yxy color 25.7444, 0.3127, 0.3737.

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

25.7444, 0.3127, 0.3737

Protanopia

25.5723, 0.3440, 0.3642

Deuteranopia

25.4493, 0.3542, 0.3467



Tritanopia

25.8288, 0.2878, 0.3104

Trichromacy



Original Color

25.7444, 0.3127, 0.3737

Protanomaly

25.6761, 0.3318, 0.3686

Deuteranomaly

25.2915, 0.3387, 0.3559

Tritanomaly

25.5994, 0.2969, 0.3324

Monochromacy



Original Color

25.7444, 0.3127, 0.3737

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.8228, 0.3120, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7444, 0.3127, 0.3737 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(122, 145, 120)` looks like.

```
.text, #text, p{  
    color:rgb(122, 145, 120)  
}
```

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(122, 145, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 145, 120) }
```

Border

The CSS property to change the border of an element to Yxy 25.7444, 0.3127, 0.3737 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(122, 145, 120) }
```

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

```
.border{ border-color:rgb(122, 145, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 145, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 145, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 145, 120);  
box-shadow:4px 4px 4px 4px rgb(122, 145,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7444, 0.3127, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 145, 120) }
```

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

```
.background{ background-color: rgb(122,  
145, 120) }
```

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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