

Converting Colors

$Y_{xy}(75.6733, 0.3127, 0.3290)$

Have a look what the booklet for
Yxy(75.6733, 0.3127, 0.3290)
contains.

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Color

Yxy(75.8913, 0.3120, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	E1E2E2
RGB	225, 226, 226
RGB Percent	88%, 89%, 89%
CMY	0.1177, 0.1137, 0.1137
CMYK	0.00, 0.00, 0.00, 0.11
HSL	180°, 2%, 88%
HSV	180°, 0%, 89%
XYZ	71.9699, 75.8913, 82.8115
YIQ	225.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

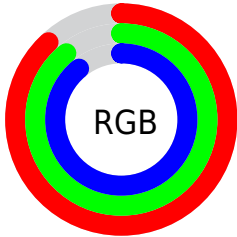
Format	Color
R _Y B	225, 226, 226
Decimal	14803682
CIE Lab	89.81, -0.34, -0.13
CIE LCh	90, 0.367, 200.979
Yxy	75.8913, 0.3120, 0.3290
Android (android.graphics.Color)	4292993762 (0xFFE1E2E2)
YUV	225.7010, 0.1474, -0.6148
Hunter-Lab	87.1156, -4.9860, 4.6203

Details

The Yxy color **75.8913, 0.3120, 0.3290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4431, 0.3134, 0.3290**, and the grayscale version is **75.8252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6121, 0.3118, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **72.4945, 0.2967, 0.3291**, and if you desaturate by 10%, it is **79.7754, 0.3278, 0.3290**.

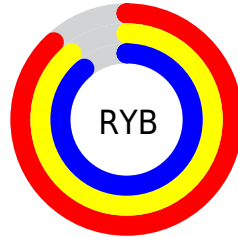
Distribution



Red (88%)

Green (89%)

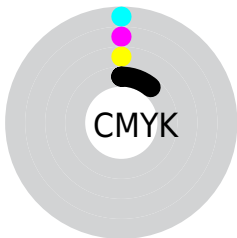
Blue (89%)



Red (88%)

Yellow (89%)

Blue (89%)

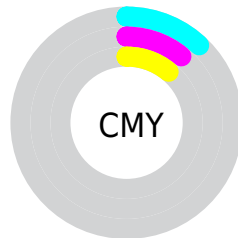


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8913, 0.3120, 0.3290 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 75.8913, 0.3120, 0.3290 by changing the saturation by 10% instead.

■ 75.8913, 0.3120,
0.3290

■ 75.8913, 0.3120,
0.3290

480.9755, 0.3123,
0.3290

■ 56.3434, 0.3119,
0.3290

127.5732, 0.3121,
0.3290

■ 40.4783, 0.3118,
0.3290

160.4761, 0.3122,
0.3290

■ 27.9117, 0.3117,
0.3290

198.5993, 0.3122,
0.3290

■ 18.2591, 0.3116,
0.3290

242.3273, 0.3122,
0.3290

■ 11.1362, 0.3113,
0.3290

292.0446, 0.3123,
0.3290

■ 6.1585, 0.3110,
0.3290

348.1354, 0.3123,

■ 2.9417, 0.3106,

0.3290

410.9843, 0.3123,
0.3290

0.3290

1.1014, 0.3098,
0.3289

0.0000, 0.0000,
0.0000

75.8913, 0.3120,
0.3290

75.8913, 0.3120,
0.3290

72.4945, 0.2967,
0.3291

79.7754, 0.3278,
0.3290

69.5565, 0.2824,
0.3291

81.1615, 0.3331,
0.3289

67.0606, 0.2692,
0.3292

81.1668, 0.3330,
0.3288

64.9853, 0.2574,
0.3293

81.1720, 0.3329,
0.3287

63.3074, 0.2474,
0.3294

81.1773, 0.3329,
0.3286

62.0015, 0.2392,
0.3295

81.1826, 0.3328,
0.3285

61.0393, 0.2330,
0.3297

81.1879, 0.3327,
0.3284

60.3881, 0.2287,
0.3298

81.1932, 0.3327,
0.3283

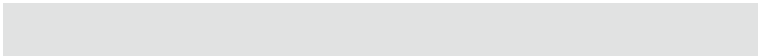
60.0094, 0.2261,
0.3299

81.1984, 0.3326,
0.3282

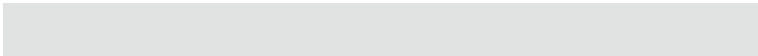
Harmonies

Analogous

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



75.8913, 0.3123, 0.3294



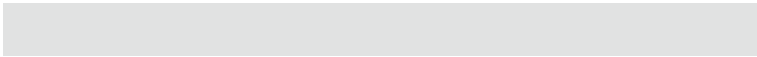
75.8913, 0.3120, 0.3290



75.8913, 0.3119, 0.3286

Triad

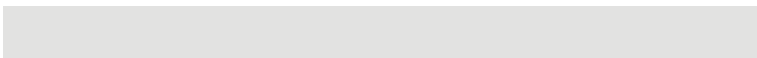
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8913, 0.3120, 0.3290



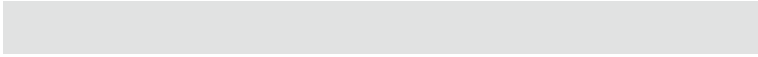
75.8913, 0.3127, 0.3284



75.8913, 0.3135, 0.3297

Complementary

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



75.8913, 0.3120, 0.3290



75.4431, 0.3134, 0.3290

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.



75.8913, 0.3136, 0.3294



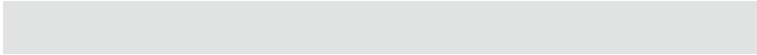
75.8913, 0.3120, 0.3290



75.8913, 0.3131, 0.3287

Square

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



75.8913, 0.3120, 0.3290



75.8913, 0.3123, 0.3283



75.8913, 0.3135, 0.3290



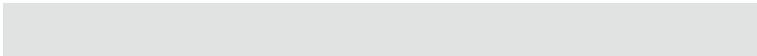
75.8913, 0.3132, 0.3298

Rectangle

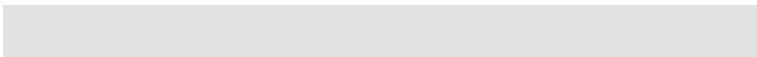
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8913, 0.3120, 0.3290



75.8913, 0.3119, 0.3284



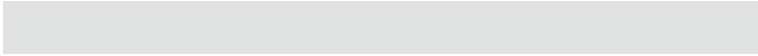
75.8913, 0.3135, 0.3290



75.8913, 0.3135, 0.3296

Sweetspot

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



75.8946, 0.3120, 0.3290

100.0000, 0.3127, 0.3290



75.8408, 0.3127, 0.3301



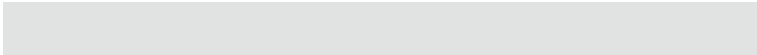
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

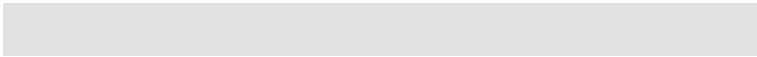
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8946, 0.3120, 0.3290



99.5189, 0.3111, 0.3290



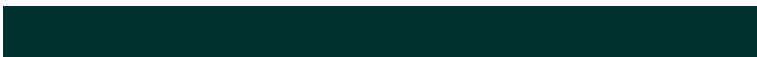
75.6226, 0.3120, 0.3285



16.1913, 0.3112, 0.3290



34.1342, 0.2250, 0.3300



2.3663, 0.2250, 0.3298

Inverse Universe

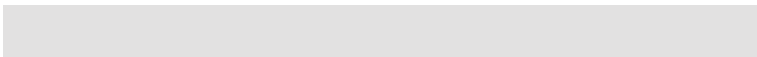
The Inverse Universe completely reimagines the original color for something new.



75.4431, 0.3134, 0.3290



98.2213, 0.3143, 0.3290



75.7142, 0.3134, 0.3295



15.9933, 0.3142, 0.3290



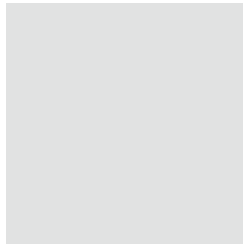
9.2259, 0.6396, 0.3297



0.6398, 0.6382, 0.3289

Previews

White Background



This preview shows how the Yxy color 75.8913, 0.3120, 0.3290 looks on a white background.

Color Contrast Check

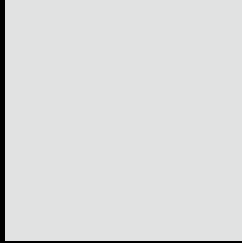
Large Text (above 18pt) WCAG AA × Fail

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 75.8913, 0.3120, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

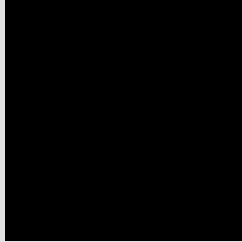
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

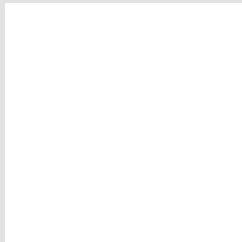
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8913, 0.3120, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 75.8913, 0.3120, 0.3290.

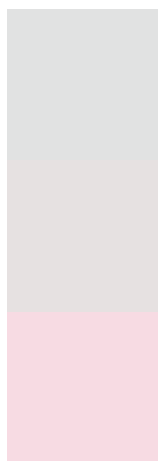


This preview shows how white text looks on a background with the Yxy color 75.8913, 0.3120, 0.3290.

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

75.8913, 0.3120, 0.3290

Protanopia

76.1097, 0.3162, 0.3290

Deuteranopia

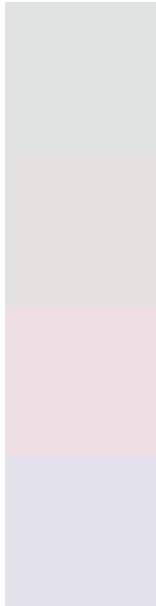
75.9832, 0.3275, 0.3209



Tritanopia

75.9931, 0.3039, 0.3112

Trichromacy



Original Color

75.8913, 0.3120, 0.3290

Protanomaly

75.7807, 0.3148, 0.3290

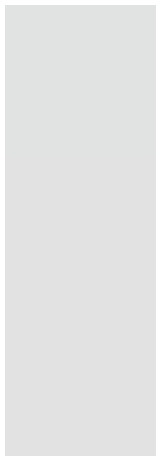
Deuteranomaly

76.1393, 0.3215, 0.3238

Tritanomaly

76.0753, 0.3064, 0.3174

Monochromacy



Original Color

75.8913, 0.3120, 0.3290

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0525, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8913, 0.3120, 0.3290 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(225, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 226)  
}
```

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(225, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.8913, 0.3120, 0.3290 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(225, 226, 226) }
```

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

```
.border{ border-color:rgb(225, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
226) }
```

Background

The CSS property to change the background color of an element to Yxy 75.8913, 0.3120, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 226) }
```

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

```
.background{ background-color: rgb(225,  
226, 226) }
```

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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