

Converting Colors

$Y_{xy}(76.2233, 0.3140, 0.3301)$

Have a look what the booklet for
Yxy(76.2233, 0.3140, 0.3301)
contains.

Yxy(76.1598, 0.3141, 0.3301)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Yxy(76.1598, 0.3141, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	E3E2E1
RGB	227, 226, 225
RGB Percent	89%, 89%, 88%
CMY	0.1097, 0.1137, 0.1178
CMYK	0.00, 0.00, 0.01, 0.11
HSL	30°, 4%, 89%
HSV	30°, 1%, 89%
XYZ	72.4683, 76.1598, 82.0892
YIQ	226.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

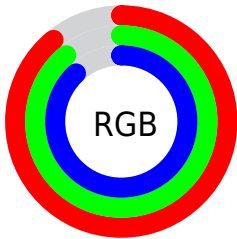
Format	Color
R _{YB}	227, 227, 225
Decimal	14934753
CIE Lab	89.93, 0.17, 0.62
CIE LCh	90, 0.639, 74.595
Yxy	76.1598, 0.3141, 0.3301
Android (android.graphics.Color)	4293124833 (0xFFE3E2E1)
YUV	226.1850, -0.5842, 0.7148
Hunter-Lab	87.2696, -4.4961, 5.3182

Details

The Yxy color **76.1598, 0.3141, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9401, 0.3113, 0.3279**, and the grayscale version is **76.2012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7988, 0.3145, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **69.0480, 0.3305, 0.3427**, and if you desaturate by 10%, it is **83.8498, 0.2998, 0.3184**.

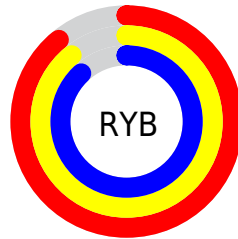
Distribution



Red (89%)

Green (89%)

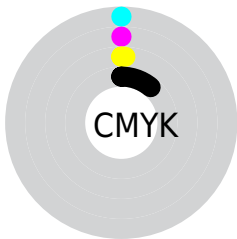
Blue (88%)



Red (89%)

Yellow (89%)

Blue (88%)

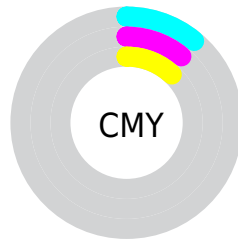


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1598, 0.3141, 0.3301 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 76.1598, 0.3141, 0.3301 by changing the saturation by 10% instead.

■ 76.1598, 0.3141,
0.3301

■ 76.1598, 0.3141,
0.3301

481.8945, 0.3135,
0.3296

■ 56.5636, 0.3142,
0.3302

127.9528, 0.3139,
0.3299

■ 40.6549, 0.3144,
0.3304

160.9183, 0.3138,
0.3299

■ 28.0496, 0.3146,
0.3305

199.1090, 0.3137,
0.3298

■ 18.3630, 0.3149,
0.3308

242.9093, 0.3137,
0.3298

■ 11.2109, 0.3153,
0.3311

292.7036, 0.3136,
0.3297

■ 6.2089, 0.3159,
0.3315

348.8764, 0.3136,

■ 2.9725, 0.3168,

0.3297

0.3322

411.8119, 0.3135,
0.3296

■ 1.1174, 0.3183,
0.3334

■ 0.0000, 0.0000,
0.0000

■ 76.1598, 0.3141,
0.3301

■ 76.1598, 0.3141,
0.3301

■ 69.0480, 0.3305,
0.3427

■ 83.8498, 0.2998,
0.3184

■ 62.4903, 0.3492,
0.3559

■ 91.0917, 0.2957,
0.3226

■ 56.4751, 0.3704,
0.3695

■ 95.0758, 0.2958,
0.3290

■ 50.9866, 0.3941,
0.3830

■ 46.0085, 0.4199,
0.3955

■ 41.5229, 0.4471,
0.4061

■ 37.5109, 0.4748,
0.4135

■ 33.9517, 0.5011,
0.4165

■ 30.8219, 0.5244,
0.4140

Harmonies

Analogous

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



76.1598, 0.3142, 0.3296



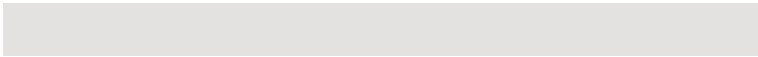
76.1598, 0.3141, 0.3301



76.1598, 0.3136, 0.3303

Triad

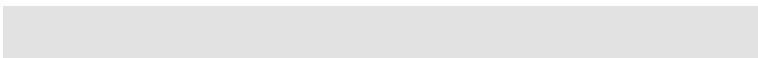
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1598, 0.3141, 0.3301



76.1598, 0.3116, 0.3291



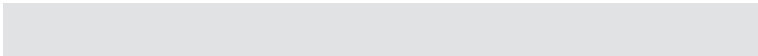
76.1598, 0.3125, 0.3278

Complementary

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



76.1598, 0.3141, 0.3301



75.9401, 0.3113, 0.3279

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.



76.1598, 0.3118, 0.3277



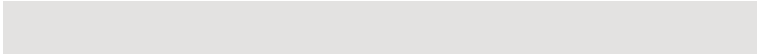
76.1598, 0.3141, 0.3301



76.1598, 0.3113, 0.3285

Square

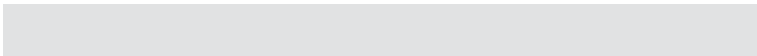
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



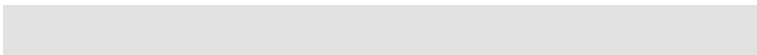
76.1598, 0.3141, 0.3301



76.1598, 0.3122, 0.3298



76.1598, 0.3114, 0.3279



76.1598, 0.3133, 0.3283

Rectangle

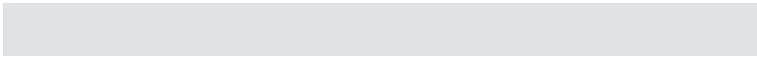
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



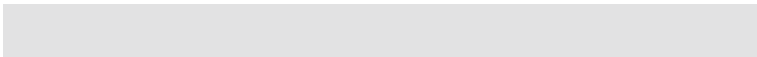
76.1598, 0.3141, 0.3301



76.1598, 0.3132, 0.3303



76.1598, 0.3114, 0.3279



76.1598, 0.3123, 0.3278

Sweetspot

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



76.1631, 0.3141, 0.3301

100.0000, 0.3127, 0.3290



75.6585, 0.3135, 0.3279



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

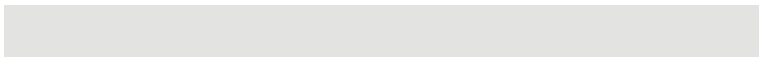
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1631, 0.3141, 0.3301



99.0279, 0.3142, 0.3302



76.7249, 0.3140, 0.3312



16.9085, 0.3142, 0.3301



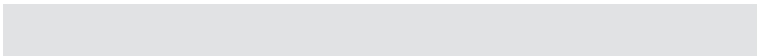
16.7450, 0.5400, 0.4094



1.4232, 0.5177, 0.4271

Inverse Universe

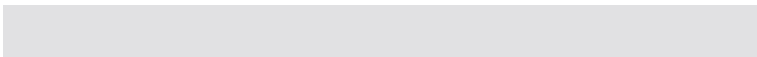
The Inverse Universe completely reimagines the original color for something new.



75.9401, 0.3113, 0.3279



98.7069, 0.3112, 0.3278



75.3816, 0.3114, 0.3268



16.8570, 0.3113, 0.3279



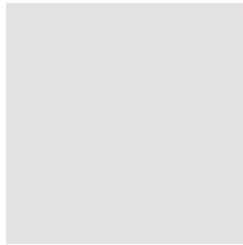
10.3867, 0.1772, 0.1578



0.9533, 0.1845, 0.1843

Previews

White Background



This preview shows how the Yxy color 76.1598, 0.3141, 0.3301 looks on a white background.

Color Contrast Check

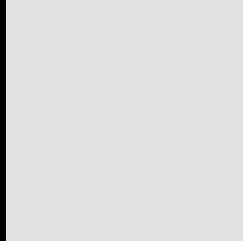
Large Text (above 18pt) WCAG AA × Fail

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 76.1598, 0.3141, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

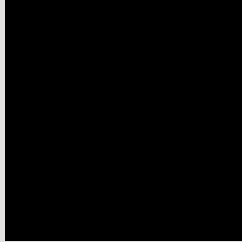
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

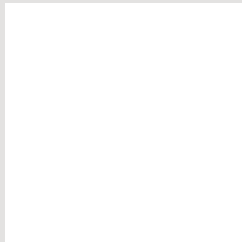
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1598, 0.3141, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 76.1598, 0.3141, 0.3301.

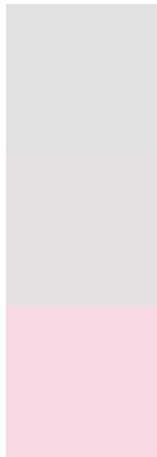


This preview shows how white text looks on a background with the Yxy color 76.1598, 0.3141, 0.3301.

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

76.1598, 0.3141, 0.3301

Protanopia

76.0552, 0.3169, 0.3301

Deuteranopia

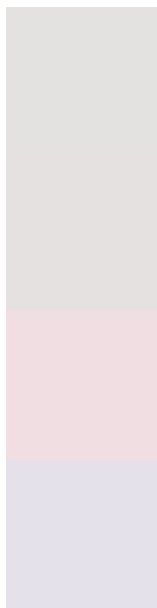
76.1105, 0.3289, 0.3219



Tritanopia

76.4852, 0.3060, 0.3113

Trichromacy



Original Color

76.1598, 0.3141, 0.3301

Protanomaly

75.8903, 0.3162, 0.3301

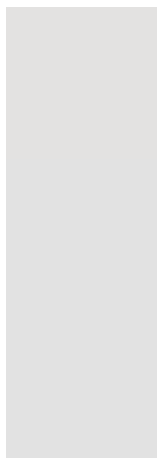
Deuteranomaly

76.2588, 0.3229, 0.3249

Tritanomaly

76.5066, 0.3091, 0.3185

Monochromacy



Original Color

76.1598, 0.3141, 0.3301

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 76.1598, 0.3141, 0.3301 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(227, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 225)  
}
```

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(227, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 225) }
```

Border

The CSS property to change the border of an element to Yxy 76.1598, 0.3141, 0.3301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

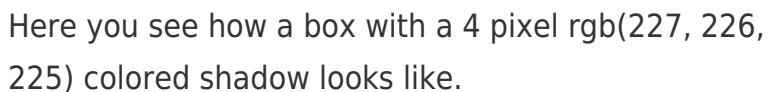
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 226, 225) }
```

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

```
.border{ border-color:rgb(227, 226, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 226, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 226, 225); box-shadow:4px 4px 4px 4px rgb(227, 226, 225) }
```

Background

The CSS property to change the background color of an element to Yxy 76.1598, 0.3141, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 225) }
```

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

```
.background{ background-color: rgb(227,  
226, 225) }
```

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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