

Converting Colors

Yxy(61.6049, 0.3126, 0.3320)

Have a look what the booklet for
Yxy(61.6049, 0.3126, 0.3320)
contains.

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Color

Yxy(61.8226, 0.3126, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	CCC FCC
RGB	204, 207, 204
RGB Percent	80%, 81%, 80%
CMY	0.1998, 0.1883, 0.2000
CMYK	0.01, 0.00, 0.01, 0.19
HSL	119°, 3%, 81%
HSV	119°, 1%, 81%
XYZ	58.1225, 61.8226, 65.9875
YIQ	205.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

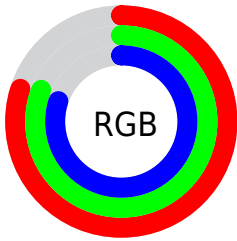
Format	Color
RYB	204, 207, 207
Decimal	13422540
CIELab	82.82, -1.55, 1.13
CIELCh	83, 1.914, 143.933
Yxy	61.8226, 0.3126, 0.3325
Android (android.graphics.Color)	4291612620 (0xFFCCCCFCC)
YUV	205.7610, -0.8682, -1.5444
Hunter-Lab	78.6273, -5.6479, 5.2804

Details

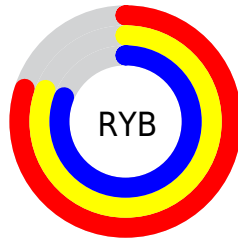
The Yxy color **61.8226, 0.3126, 0.3325** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9394, 0.3128, 0.3255**, and the grayscale version is **61.5720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4685, 0.3125, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **58.2172, 0.3117, 0.3586**, and if you desaturate by 10%, it is **65.9377, 0.3133, 0.3098**.

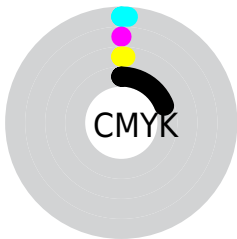
Distribution



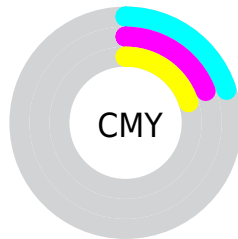
- Red (80%)
- Green (81%)
- Blue (80%)



- Red (80%)
- Yellow (81%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8226, 0.3126, 0.3325 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 61.8226, 0.3126, 0.3325 by changing the saturation by 10% instead.

■ 61.8226, 0.3126,
0.3325

■ 61.8226, 0.3126,
0.3325

431.2837, 0.3127,
0.3308

■ 44.8894, 0.3126,
0.3329

107.4691, 0.3126,
0.3319

■ 31.3703, 0.3126,
0.3334

136.9512, 0.3126,
0.3317

■ 20.8810, 0.3125,
0.3340

171.3849, 0.3126,
0.3315

■ 13.0370, 0.3125,
0.3349

211.1549, 0.3126,
0.3313

■ 7.4541, 0.3125,
0.3361

256.6453, 0.3126,
0.3312

■ 3.7476, 0.3124,
0.3379

308.2407, 0.3127,

■ 1.5334, 0.3122,

0.3311

0.3411

366.3253, 0.3127,
0.3309

■ 0.3121, 0.3111,
0.3751

■ 0.0000, 0.0000,
0.0000

■ 61.8226, 0.3126,
0.3325

■ 61.8226, 0.3126,
0.3325

■ 58.2172, 0.3117,
0.3586

■ 65.9377, 0.3133,
0.3098

■ 55.0941, 0.3106,
0.3881

■ 70.5729, 0.3139,
0.2902

■ 52.4354, 0.3094,
0.4207

■ 73.1016, 0.3149,
0.2821

■ 50.2188, 0.3080,
0.4556

■ 48.4204, 0.3064,
0.4913

■ 47.0139, 0.3048,
0.5254

■ 45.9701, 0.3033,
0.5554

■ 45.2559, 0.3019,
0.5785

■ 44.8317, 0.3009,
0.5931

Harmonies

Analogous

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



61.8226, 0.3150, 0.3332



61.8226, 0.3126, 0.3325



61.8226, 0.3102, 0.3308

Triad

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



61.8226, 0.3126, 0.3325



61.8226, 0.3087, 0.3252



61.8226, 0.3169, 0.3294

Complementary

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



61.8226, 0.3126, 0.3325



60.9394, 0.3128, 0.3255

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.



61.8226, 0.3152, 0.3272



61.8226, 0.3126, 0.3325



61.8226, 0.3104, 0.3248

Square

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



61.8226, 0.3126, 0.3325



61.8226, 0.3080, 0.3266



61.8226, 0.3128, 0.3256



61.8226, 0.3175, 0.3314

Rectangle

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



61.8226, 0.3126, 0.3325



61.8226, 0.3090, 0.3294



61.8226, 0.3128, 0.3256



61.8226, 0.3165, 0.3286

Sweetspot

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



61.8253, 0.3126, 0.3325

100.0000, 0.3127, 0.3290



62.1963, 0.3148, 0.3324



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.



61.8253, 0.3126, 0.3325



98.7414, 0.3126, 0.3339



61.8838, 0.3116, 0.3309



13.8344, 0.3126, 0.3336



28.1392, 0.3005, 0.5996



1.5777, 0.3022, 0.5983

Inverse Universe

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



60.9394, 0.3128, 0.3255



96.7685, 0.3129, 0.3241



60.8803, 0.3139, 0.3271



13.5773, 0.3129, 0.3245



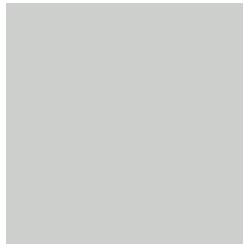
10.8080, 0.3157, 0.1513



0.6085, 0.3167, 0.1518

Previews

White Background



This preview shows how the Yxy color 61.8226, 0.3126, 0.3325 looks on a white background.

Color Contrast Check

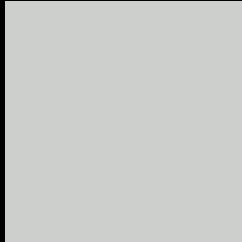
Large Text (above 18pt) WCAG AA × Fail

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 61.8226, 0.3126, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

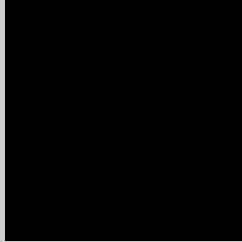
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

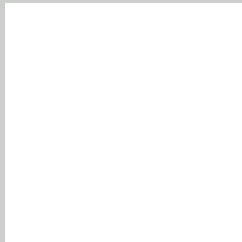
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8226, 0.3126, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 61.8226, 0.3126, 0.3325.



This preview shows how white text looks on a background with the Yxy color 61.8226, 0.3126, 0.3325.

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

61.8226, 0.3126, 0.3325

Protanopia

61.6761, 0.3180, 0.3313

Deuteranopia

61.4234, 0.3296, 0.3224



Tritanopia

61.6716, 0.3031, 0.3096

Trichromacy



Original Color

61.8226, 0.3126, 0.3325

Protanomaly

61.8643, 0.3164, 0.3325

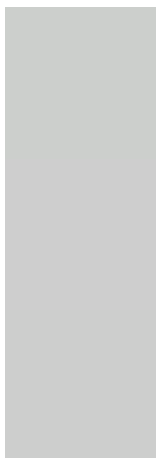
Deuteranomaly

61.5543, 0.3230, 0.3256

Tritanomaly

61.6908, 0.3065, 0.3175

Monochromacy



Original Color

61.8226, 0.3126, 0.3325

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5295, 0.3127, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8226, 0.3126, 0.3325 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(204, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(204, 207, 204)  
}
```

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(204, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 207, 204) }
```

Border

The CSS property to change the border of an element to Yxy 61.8226, 0.3126, 0.3325 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(204, 207, 204) }
```

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

```
.border{ border-color:rgb(204, 207, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 207, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 207,  
204) }
```

Background

The CSS property to change the background color of an element to Yxy 61.8226, 0.3126, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 207, 204) }
```

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

```
.background{ background-color: rgb(204,  
207, 204) }
```

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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