

Converting Colors

$Yxy(60.8870, 0.3041, 0.3217)$

Have a look what the booklet for
Yxy(60.8870, 0.3041, 0.3217)
contains.

| | |
|--|----|
| Yxy(61.1754, 0.3041, 0.3220) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(61.1754, 0.3041, 0.3220)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C8CED4 |
| RGB | 200, 206, 212 |
| RGB Percent | 78%, 81%, 83% |
| CMY | 0.2156, 0.1921, 0.1687 |
| CMYK | 0.06, 0.03, 0.00, 0.17 |
| HSL | 210°, 12%, 81% |
| HSV | 210°, 6%, 83% |
| XYZ | 57.7747, 61.1754, 71.0357 |
| YIQ | 204.8900, -5.5020, 0.5940 |

Conversions

Conversions Part 2

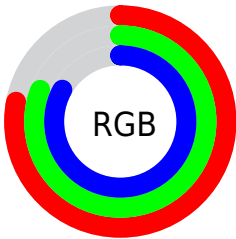
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 200, 204, 212 |
| Decimal | 13160148 |
| CIE Lab | 82.47, -0.90, -3.68 |
| CIE LCh | 82, 3.790, 256.199 |
| Yxy | 61.1754, 0.3041, 0.3220 |
| Android (android.graphics.Color) | 4291350228 (0xFFC8CED4) |
| YUV | 204.8900, 3.5052, -4.2885 |
| Hunter-Lab | 78.2147, -5.0236, 0.9023 |

Details

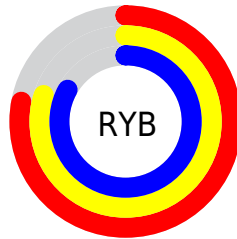
The Yxy color **61.1754, 0.3041, 0.3220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3027, 0.3216, 0.3359**, and the grayscale version is **60.9586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0018, 0.3022, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **53.5312, 0.2883, 0.3085**, and if you desaturate by 10%, it is **69.5729, 0.3192, 0.3341**.

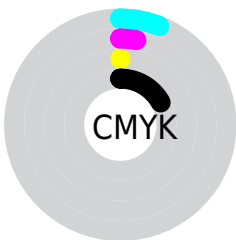
Distribution



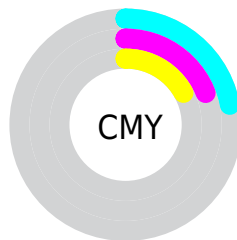
- Red (78%)
- Green (81%)
- Blue (83%)



- Red (78%)
- Yellow (80%)
- Blue (83%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1754, 0.3041, 0.3220 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 61.1754, 0.3041, 0.3220 by changing the saturation by 10% instead.

■ 61.1754, 0.3041,
0.3220

■ 61.1754, 0.3041,
0.3220

428.9168, 0.3082,
0.3254

■ 44.3667, 0.3031,
0.3212

106.5329, 0.3056,
0.3232

■ 30.9589, 0.3019,
0.3202

135.8504, 0.3061,
0.3236

■ 20.5676, 0.3003,
0.3189

170.1065, 0.3066,
0.3240

■ 12.8083, 0.2982,
0.3172

209.6853, 0.3070,
0.3244

■ 7.2967, 0.2953,
0.3147

254.9714, 0.3074,
0.3247

■ 3.6483, 0.2908,
0.3110

306.3491, 0.3077,

■ 1.4788, 0.2832,

0.3249

0.3047

364.2027, 0.3080,
0.3252

0.2738, 0.2231,
0.2565

0.0000, 0.0000,
0.0000

61.1754, 0.3041,
0.3220

61.1754, 0.3041,
0.3220

53.5312, 0.2883,
0.3085

69.5729, 0.3192,
0.3341

46.6092, 0.2721,
0.2935

78.7379, 0.3335,
0.3448

40.3875, 0.2558,
0.2770

87.0249, 0.3409,
0.3547

34.8397, 0.2397,
0.2593

93.3642, 0.3392,
0.3649

■ 29.9378, 0.2243,
0.2406

■ 97.5324, 0.3382,
0.3711

■ 25.6512, 0.2101,
0.2212

■ 21.9460, 0.1977,
0.2016

■ 18.7840, 0.1875,
0.1824

■ 16.1194, 0.1797,
0.1641

Harmonies

Analogous

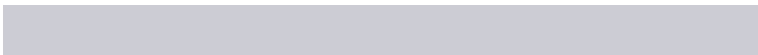
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.1754, 0.3034, 0.3252



61.1754, 0.3041, 0.3220



61.1754, 0.3071, 0.3207

Triad

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



61.1754, 0.3041, 0.3220



61.1754, 0.3204, 0.3285



61.1754, 0.3137, 0.3365

Complementary

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



61.1754, 0.3041, 0.3220



62.3027, 0.3216, 0.3359

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.



61.1754, 0.3183, 0.3374



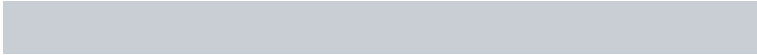
61.1754, 0.3041, 0.3220



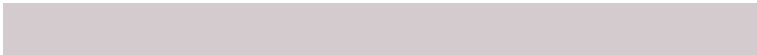
61.1754, 0.3222, 0.3328

Square

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



61.1754, 0.3041, 0.3220



61.1754, 0.3165, 0.3245



61.1754, 0.3214, 0.3360



61.1754, 0.3089, 0.3336

Rectangle

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



61.1754, 0.3041, 0.3220



61.1754, 0.3100, 0.3211



61.1754, 0.3214, 0.3360



61.1754, 0.3154, 0.3371

Sweetspot

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



61.1780, 0.3041, 0.3220



97.4311, 0.3097, 0.3265



63.8043, 0.3081, 0.3362



20.8813, 0.3098, 0.3267



0.0000, 0.0000, 0.0000



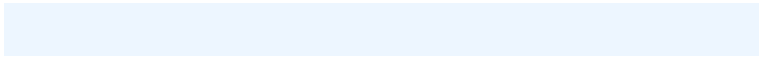
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1780, 0.3041, 0.3220



91.2135, 0.3019, 0.3202



58.4414, 0.3042, 0.3152



13.3549, 0.3012, 0.3195



9.5136, 0.1775, 0.1589



0.7394, 0.1862, 0.1902

Inverse Universe

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



59.7656, 0.3177, 0.3221



88.5743, 0.3190, 0.3203



65.1417, 0.3210, 0.3425



12.9429, 0.3195, 0.3198



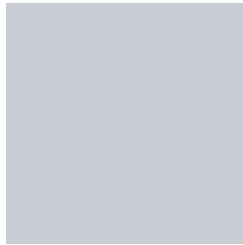
9.3052, 0.4945, 0.2498



0.5780, 0.4565, 0.2288

Previews

White Background



This preview shows how the Yxy color 61.1754, 0.3041, 0.3220 looks on a white background.

Color Contrast Check

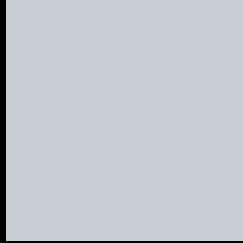
Large Text (above 18pt) WCAG AA × Fail

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 61.1754, 0.3041, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

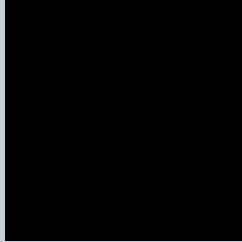
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

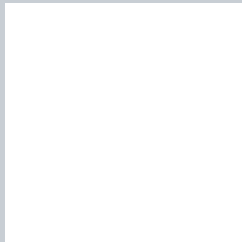
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1754, 0.3041, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 61.1754, 0.3041, 0.3220.



This preview shows how white text looks on a background with the Yxy color 61.1754, 0.3041, 0.3220.

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

61.1754, 0.3041, 0.3220

Protanopia

61.1543, 0.3101, 0.3209

Deuteranopia

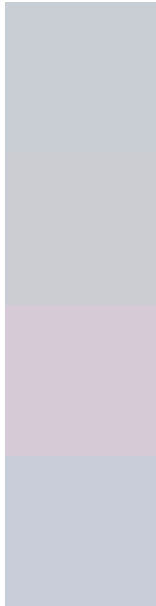
61.0231, 0.3197, 0.3134



Tritanopia

61.3006, 0.2987, 0.3105

Trichromacy



Original Color

61.1754, 0.3041, 0.3220

Protanomaly

61.2032, 0.3078, 0.3220

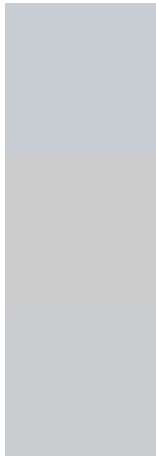
Deuteranomaly

61.1913, 0.3133, 0.3165

Tritanomaly

61.1421, 0.3007, 0.3139

Monochromacy



Original Color

61.1754, 0.3041, 0.3220

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9132, 0.3091, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1754, 0.3041, 0.3220 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(200, 206, 212)` looks like.

```
.text, #text, p{  
    color:rgb(200, 206, 212)  
}
```

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(200, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 206, 212) }
```

Border

The CSS property to change the border of an element to Yxy 61.1754, 0.3041, 0.3220 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(200, 206, 212) }
```

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

```
.border{ border-color:rgb(200, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(200, 206,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1754, 0.3041, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 206, 212) }
```

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

```
.background{ background-color: rgb(200,  
206, 212) }
```

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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