

Converting Colors

Yxy(61.6386, 0.3089, 0.3243)

Have a look what the booklet for
Yxy(61.6386, 0.3089, 0.3243)
contains.

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Color

Yxy(61.7749, 0.3092, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	CDCED2
RGB	205, 206, 210
RGB Percent	80%, 81%, 82%
CMY	0.1960, 0.1921, 0.1766
CMYK	0.02, 0.02, 0.00, 0.18
HSL	228°, 5%, 81%
HSV	228°, 2%, 82%
XYZ	58.8804, 61.7749, 69.7729
YIQ	206.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

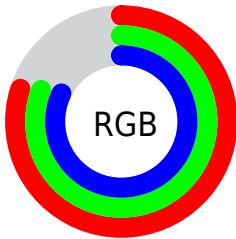
Format	Color
R_{YB}	205, 206, 210
Decimal	13487826
CIE Lab	82.79, 0.40, -2.09
CIE LCh	83, 2.131, 280.791
Yxy	61.7749, 0.3092, 0.3244
Android (android.graphics.Color)	4291677906 (0xFFCDCED2)
YUV	206.1570, 1.8946, -1.0147
Hunter-Lab	78.5970, -3.8228, 2.3844

Details

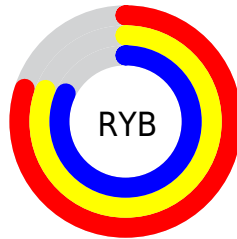
The Yxy color **61.7749, 0.3092, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6965, 0.3162, 0.3336**, and the grayscale version is **61.8173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4361, 0.3080, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **51.3276, 0.2934, 0.3033**, and if you desaturate by 10%, it is **73.4928, 0.3235, 0.3429**.

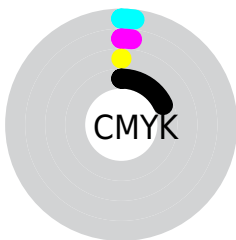
Distribution



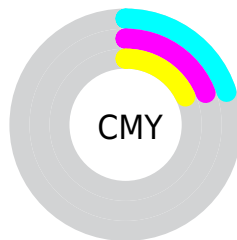
- Red (80%)
- Green (81%)
- Blue (82%)



- Red (80%)
- Yellow (81%)
- Blue (82%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7749, 0.3092, 0.3244 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 61.7749, 0.3092, 0.3244 by changing the saturation by 10% instead.

■ 61.7749, 0.3092,
0.3244

■ 61.7749, 0.3092,
0.3244

431.1095, 0.3109,
0.3266

■ 44.8508, 0.3088,
0.3239

107.4001, 0.3098,
0.3252

■ 31.3400, 0.3083,
0.3232

136.8701, 0.3100,
0.3255

■ 20.8579, 0.3077,
0.3224

171.2908, 0.3102,
0.3257

■ 13.0201, 0.3068,
0.3213

211.0467, 0.3104,
0.3260

■ 7.4424, 0.3056,
0.3197

256.5221, 0.3105,
0.3261

■ 3.7403, 0.3037,
0.3173

308.1014, 0.3107,

■ 1.5294, 0.3006,

0.3263

0.3133

366.1691, 0.3108,
0.3265

0.3093, 0.2771,
0.2822

0.0000, 0.0000,
0.0000

61.7749, 0.3092,
0.3244

61.7749, 0.3092,
0.3244

51.3276, 0.2934,
0.3033

73.4928, 0.3235,
0.3429

42.1000, 0.2761,
0.2796

86.5140, 0.3363,
0.3591

34.0495, 0.2576,
0.2534

97.4317, 0.3394,
0.3731

27.1279, 0.2383,
0.2251

■ 21.2836, 0.2189,
0.1954

■ 16.4610, 0.2004,
0.1655

■ 12.5990, 0.1837,
0.1370

■ 9.6301, 0.1701,
0.1115

■ 7.4766, 0.1602,
0.0908

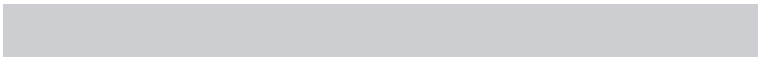
Harmonies

Analogous

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



61.7749, 0.3077, 0.3253



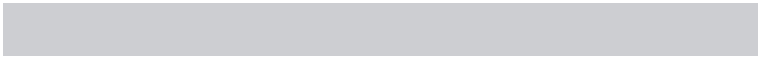
61.7749, 0.3092, 0.3244



61.7749, 0.3116, 0.3247

Triad

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



61.7749, 0.3092, 0.3244



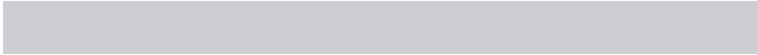
61.7749, 0.3179, 0.3307



61.7749, 0.3111, 0.3320

Complementary

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



61.7749, 0.3092, 0.3244



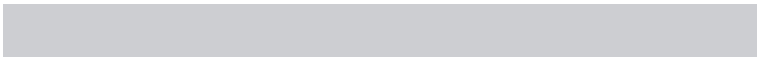
63.6965, 0.3162, 0.3336

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.



61.7749, 0.3138, 0.3334



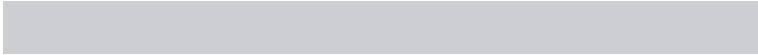
61.7749, 0.3092, 0.3244



61.7749, 0.3178, 0.3327

Square

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



61.7749, 0.3092, 0.3244



61.7749, 0.3167, 0.3283



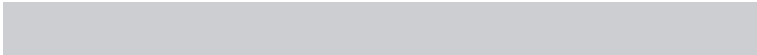
61.7749, 0.3163, 0.3337



61.7749, 0.3088, 0.3297

Rectangle

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



61.7749, 0.3092, 0.3244



61.7749, 0.3135, 0.3255



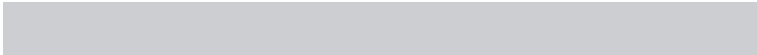
61.7749, 0.3163, 0.3337



61.7749, 0.3120, 0.3325

Sweetspot

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



61.7775, 0.3092, 0.3244



98.2247, 0.3112, 0.3270



63.6620, 0.3097, 0.3301



21.0429, 0.3113, 0.3271



0.0000, 0.0000, 0.0000



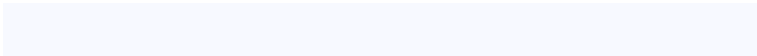
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7775, 0.3092, 0.3244



94.7347, 0.3082, 0.3231



61.5144, 0.3104, 0.3233



13.0881, 0.3071, 0.3216



3.9623, 0.1557, 0.0806



0.3358, 0.1651, 0.1142

Inverse Universe

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



61.8229, 0.3158, 0.3279



94.8278, 0.3167, 0.3275



63.9670, 0.3150, 0.3347



13.1048, 0.3177, 0.3272



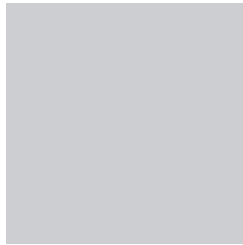
8.4713, 0.6060, 0.3112



0.4852, 0.5549, 0.2831

Previews

White Background



This preview shows how the Yxy color 61.7749, 0.3092, 0.3244 looks on a white background.

Color Contrast Check

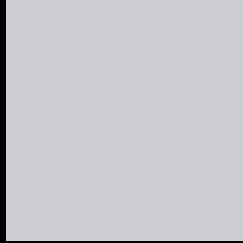
Large Text (above 18pt) WCAG AA × Fail

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 61.7749, 0.3092, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

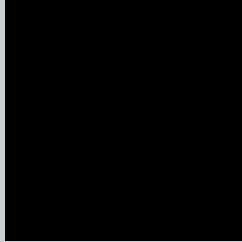
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

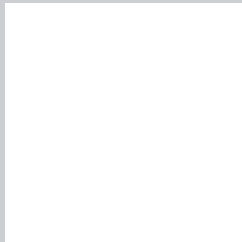
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7749, 0.3092, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 61.7749, 0.3092, 0.3244.

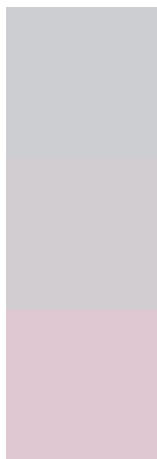


This preview shows how white text looks on a background with the Yxy color 61.7749, 0.3092, 0.3244.

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

61.7749, 0.3092, 0.3244

Protanopia

61.8214, 0.3129, 0.3244

Deuteranopia

61.8590, 0.3234, 0.3168



Tritanopia

61.6716, 0.3031, 0.3096

Trichromacy



Original Color

61.7749, 0.3092, 0.3244

Protanomaly

61.6760, 0.3122, 0.3244

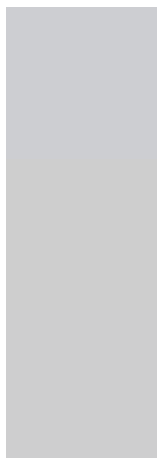
Deuteranomaly

61.6959, 0.3178, 0.3189

Tritanomaly

61.7942, 0.3051, 0.3152

Monochromacy



Original Color

61.7749, 0.3092, 0.3244

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7694, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7749, 0.3092, 0.3244 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(205, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(205, 206, 210)  
}
```

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(205, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 206, 210) }
```

Border

The CSS property to change the border of an element to Yxy 61.7749, 0.3092, 0.3244 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(205, 206, 210) }
```

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

```
.border{ border-color:rgb(205, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(205, 206,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7749, 0.3092, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 206, 210) }
```

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

```
.background{ background-color: rgb(205,  
206, 210) }
```

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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