

Converting Colors

$Y_{xy}(75.4414, 0.2903, 0.3144)$

Have a look what the booklet for
Yxy(75.4414, 0.2903, 0.3144)
contains.

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Color

Yxy(75.1630, 0.2902, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	CFE4F2
RGB	207, 228, 242
RGB Percent	81%, 89%, 95%
CMY	0.1881, 0.1059, 0.0510
CMYK	0.14, 0.06, 0.00, 0.05
HSL	204°, 57%, 88%
HSV	204°, 14%, 95%
XYZ	69.5102, 75.1630, 94.8520
YIQ	223.3170, -17.0100, -0.0980

Conversions

Conversions Part 2

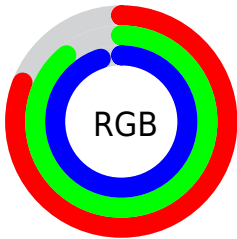
Format	Color
R _Y B	207, 220, 242
Decimal	13624562
CIE Lab	89.47, -4.13, -9.17
CIE LCh	89, 10.055, 245.742
Yxy	75.1630, 0.2902, 0.3138
Android (android.graphics.Color)	4291814642 (0xFFCFE4F2)
YUV	223.3170, 9.2107, -14.3100
Hunter-Lab	86.6966, -8.6042, -4.1797

Details

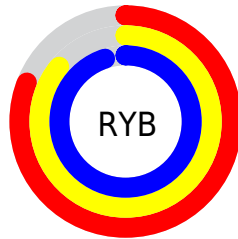
The Yxy color **75.1630, 0.2902, 0.3138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1228, 0.3375, 0.3437**, and the grayscale version is **73.9772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1077, 0.2847, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **66.7566, 0.2744, 0.3019**, and if you desaturate by 10%, it is **84.4091, 0.3059, 0.3246**.

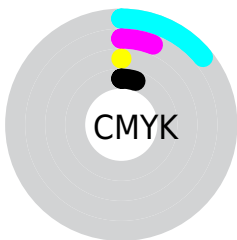
Distribution



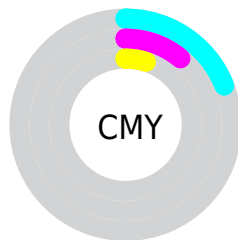
- Red (81%)
- Green (89%)
- Blue (95%)



- Red (81%)
- Yellow (86%)
- Blue (95%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.1630, 0.2902, 0.3138 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 75.1630, 0.2902, 0.3138 by changing the saturation by 10% instead.

■ 75.1630, 0.2902,
0.3138

■ 75.1630, 0.2902,
0.3138

478.4776, 0.3005,
0.3209

■ 55.7464, 0.2879,
0.3122

126.5431, 0.2937,
0.3162

■ 39.9997, 0.2850,
0.3102

159.2754, 0.2951,
0.3172

■ 27.5383, 0.2814,
0.3077

197.2150, 0.2963,
0.3180

■ 17.9779, 0.2768,
0.3044

240.7464, 0.2974,
0.3187

■ 10.9341, 0.2705,
0.2999

290.2540, 0.2983,
0.3194

■ 6.0226, 0.2616,
0.2934

346.1221, 0.2991,

■ 2.8588, 0.2479,

0.3199

0.2832

408.7352, 0.2998,
0.3204

■ 1.0585, 0.2247,
0.2652

■ 0.0000, 0.0000,
0.0000

■ 75.1630, 0.2902,
0.3138

■ 75.1630, 0.2902,
0.3138

■ 66.7566, 0.2744,
0.3019

■ 84.4091, 0.3059,
0.3246

■ 59.1515, 0.2587,
0.2889

■ 94.4298, 0.3208,
0.3342

■ 52.3196, 0.2434,
0.2749

■ 99.1911, 0.3203,
0.3415

■ 46.2275, 0.2292,
0.2601

■ 40.8385, 0.2162,
0.2447

■ 36.1118, 0.2051,
0.2289

■ 32.0008, 0.1960,
0.2133

■ 28.4495, 0.1891,
0.1980

■ 26.6760, 0.1860,
0.1897

Harmonies

Analogous

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



75.1630, 0.2906, 0.3228



75.1630, 0.2902, 0.3138



75.1630, 0.2957, 0.3091

Triad

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



75.1630, 0.2902, 0.3138



75.1630, 0.3288, 0.3241



75.1630, 0.3193, 0.3493

Complementary

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



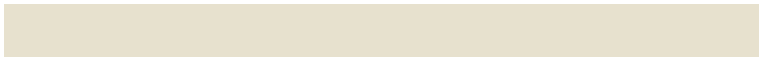
75.1630, 0.2902, 0.3138



75.1228, 0.3375, 0.3437

Split Complementary

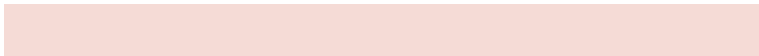
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1630, 0.3298, 0.3493



75.1630, 0.2902, 0.3138



75.1630, 0.3354, 0.3345

Square

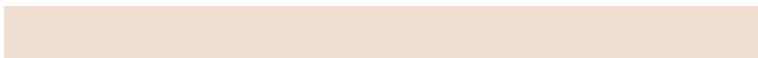
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1630, 0.2902, 0.3138



75.1630, 0.3180, 0.3151



75.1630, 0.3357, 0.3438



75.1630, 0.3072, 0.3436

Rectangle

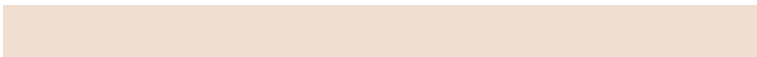
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1630, 0.2902, 0.3138



75.1630, 0.3021, 0.3088



75.1630, 0.3357, 0.3438



75.1630, 0.3231, 0.3500

Sweetspot

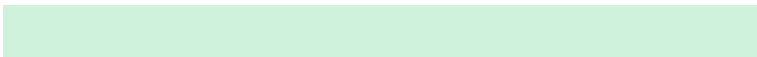
The Sweet Spot groups the original color and five complimentary colors.



75.1661, 0.2902, 0.3138



95.5368, 0.3065, 0.3250



82.0001, 0.3027, 0.3518



20.2729, 0.3054, 0.3242



0.0000, 0.0000, 0.0000



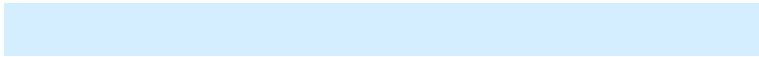
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1661, 0.2902, 0.3138



82.1000, 0.2861, 0.3108



66.0390, 0.2895, 0.2944



16.8046, 0.2980, 0.3193



14.6046, 0.1867, 0.1922



1.4092, 0.1922, 0.2120

Inverse Universe

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



69.1229, 0.3243, 0.3073



74.3236, 0.3267, 0.3032



84.8308, 0.3349, 0.3614



15.9179, 0.3199, 0.3149



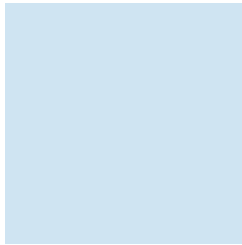
11.2677, 0.4542, 0.2276



0.9570, 0.4319, 0.2153

Previews

White Background



This preview shows how the Yxy color 75.1630, 0.2902, 0.3138 looks on a white background.

Color Contrast Check

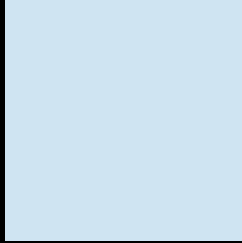
Large Text (above 18pt) WCAG AA × Fail

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 75.1630, 0.2902, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

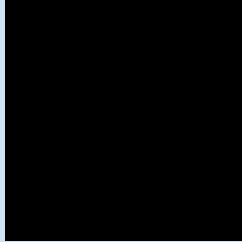
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

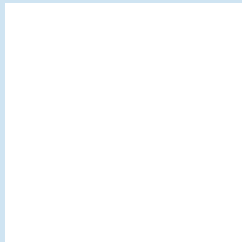
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1630, 0.2902, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 75.1630, 0.2902, 0.3138.

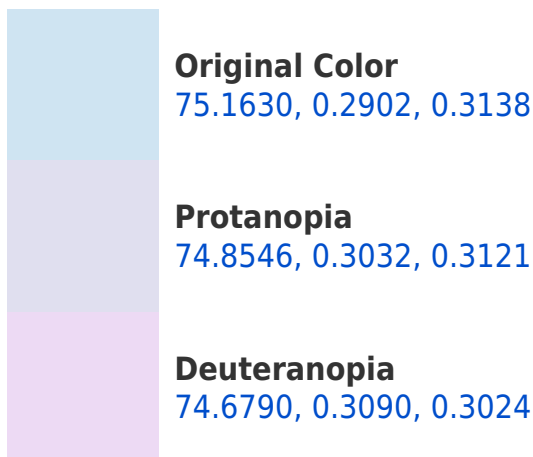


This preview shows how white text looks on a background with the Yxy color 75.1630, 0.2902, 0.3138.

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

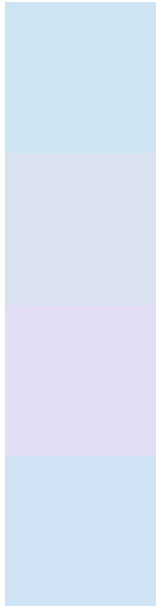




Tritanopia

75.0019, 0.2884, 0.3085

Trichromacy



Original Color

75.1630, 0.2902, 0.3138

Protanomaly

75.0471, 0.2985, 0.3130

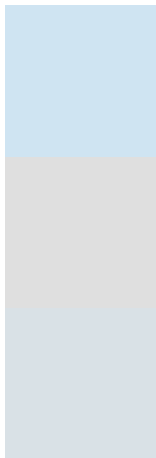
Deuteranomaly

74.8824, 0.3020, 0.3070

Tritanomaly

74.9406, 0.2890, 0.3096

Monochromacy



Original Color

75.1630, 0.2902, 0.3138

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.3153, 0.3040, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1630, 0.2902, 0.3138 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(207, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(207, 228, 242)  
}
```

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(207, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 228, 242) }
```

Border

The CSS property to change the border of an element to Yxy 75.1630, 0.2902, 0.3138 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(207, 228, 242) }
```

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

```
.border{ border-color:rgb(207, 228, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(207, 228,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1630, 0.2902, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 228, 242) }
```

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

```
.background{ background-color: rgb(207,  
228, 242) }
```

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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