

Converting Colors

Yxy(72.3083, 0.3054, 0.3220)

Have a look what the booklet for
Yxy(72.3083, 0.3054, 0.3220)
contains.

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Color

Yxy(72.0661, 0.3054, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	D9DDE4
RGB	217, 221, 228
RGB Percent	85%, 87%, 89%
CMY	0.1489, 0.1333, 0.1060
CMYK	0.05, 0.03, 0.00, 0.11
HSL	218°, 17%, 87%
HSV	218°, 5%, 89%
XYZ	68.4785, 72.0661, 83.6810
YIQ	220.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

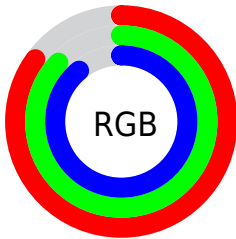
Format	Color
R _Y B	217, 220, 228
Decimal	14278116
CIE Lab	88.00, -0.04, -3.89
CIE LCh	88, 3.886, 269.415
Yxy	72.0661, 0.3054, 0.3214
Android (android.graphics.Color)	4292468196 (0xFFD9DDE4)
YUV	220.6020, 3.6472, -3.1590
Hunter-Lab	84.8918, -4.5724, 0.9799

Details

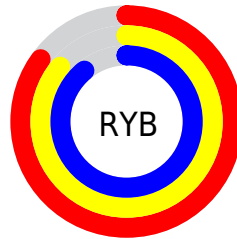
The Yxy color **72.0661, 0.3054, 0.3214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8151, 0.3201, 0.3365**, and the grayscale version is **71.9929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9709, 0.3032, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **61.4706, 0.2894, 0.3041**, and if you desaturate by 10%, it is **83.8142, 0.3203, 0.3367**.

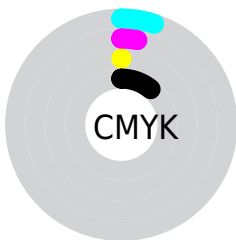
Distribution



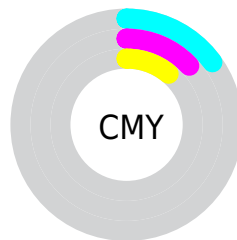
- Red (85%)
- Green (87%)
- Blue (89%)



- Red (85%)
- Yellow (86%)
- Blue (89%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0661, 0.3054, 0.3214 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 72.0661, 0.3054, 0.3214 by changing the saturation by 10% instead.

■ 72.0661, 0.3054,
0.3214

■ 72.0661, 0.3054,
0.3214

467.7716, 0.3088,
0.3249

■ 53.2127, 0.3046,
0.3206

122.1505, 0.3066,
0.3226

■ 37.9726, 0.3037,
0.3196

154.1503, 0.3070,
0.3231

■ 25.9614, 0.3024,
0.3183

191.3009, 0.3074,
0.3235

■ 16.7948, 0.3008,
0.3167

233.9869, 0.3078,
0.3239

■ 10.0883, 0.2986,
0.3144

282.5926, 0.3081,
0.3242

■ 5.4575, 0.2955,
0.3111

337.5023, 0.3083,

■ 2.5181, 0.2905,

0.3245

0.3058

399.1005, 0.3086,
0.3247

0.8857, 0.2813,
0.2963

0.0000, 0.0000,
0.0000

72.0661, 0.3054,
0.3214

72.0661, 0.3054,
0.3214

61.4706, 0.2894,
0.3041

83.8142, 0.3203,
0.3367

51.9820, 0.2725,
0.2848

95.2655, 0.3291,
0.3505

43.5650, 0.2549,
0.2636

98.3801, 0.3286,
0.3552

36.1788, 0.2372,
0.2407

■ 29.7798, 0.2199,
0.2165

■ 24.3208, 0.2036,
0.1917

■ 19.7501, 0.1892,
0.1672

■ 16.0097, 0.1773,
0.1440

■ 13.0322, 0.1685,
0.1232

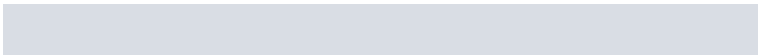
Harmonies

Analogous

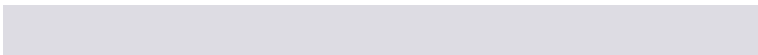
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0661, 0.3037, 0.3237



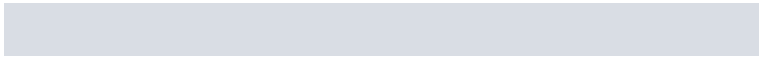
72.0661, 0.3054, 0.3214



72.0661, 0.3091, 0.3211

Triad

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



72.0661, 0.3054, 0.3214



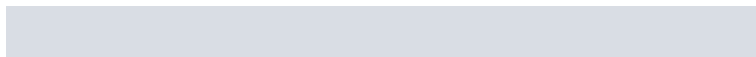
72.0661, 0.3212, 0.3304



72.0661, 0.3116, 0.3353

Complementary

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



72.0661, 0.3054, 0.3214



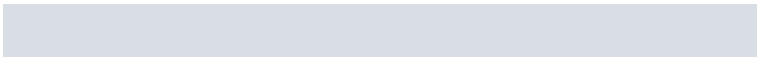
74.8151, 0.3201, 0.3365

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.



72.0661, 0.3163, 0.3371



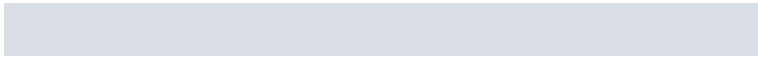
72.0661, 0.3054, 0.3214



72.0661, 0.3219, 0.3342

Square

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



72.0661, 0.3054, 0.3214



72.0661, 0.3182, 0.3263



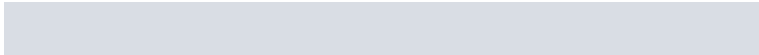
72.0661, 0.3201, 0.3367



72.0661, 0.3072, 0.3318

Rectangle

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



72.0661, 0.3054, 0.3214



72.0661, 0.3122, 0.3221



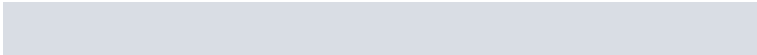
72.0661, 0.3201, 0.3367



72.0661, 0.3132, 0.3361

Sweetspot

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



72.0692, 0.3054, 0.3214



98.4872, 0.3112, 0.3274



75.6094, 0.3078, 0.3333



21.0963, 0.3113, 0.3275



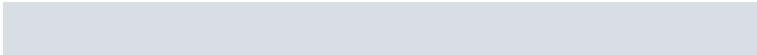
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



72.0692, 0.3054, 0.3214



91.1491, 0.3035, 0.3194



70.2216, 0.3065, 0.3171



15.4129, 0.3026, 0.3184



6.9868, 0.1656, 0.1161



0.6880, 0.1737, 0.1454

Inverse Universe

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



71.3511, 0.3180, 0.3248



90.0116, 0.3194, 0.3236



76.7371, 0.3188, 0.3407



15.2023, 0.3201, 0.3231



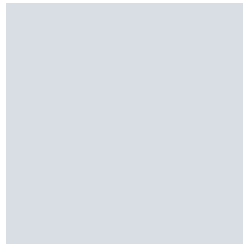
9.9030, 0.5521, 0.2815



0.7491, 0.5119, 0.2594

Previews

White Background



This preview shows how the Yxy color 72.0661, 0.3054, 0.3214 looks on a white background.

Color Contrast Check

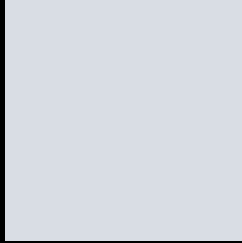
Large Text (above 18pt) WCAG AA × Fail

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 72.0661, 0.3054, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

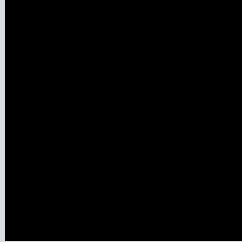
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

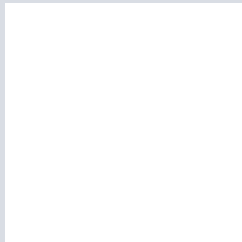
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0661, 0.3054, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 72.0661, 0.3054, 0.3214.

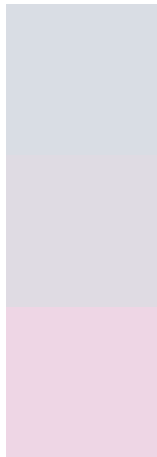


This preview shows how white text looks on a background with the Yxy color 72.0661, 0.3054, 0.3214.

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

72.0661, 0.3054, 0.3214

Protanopia

71.8971, 0.3103, 0.3204

Deuteranopia

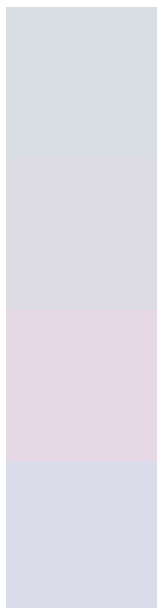
71.9274, 0.3200, 0.3134



Tritanopia

72.2063, 0.3003, 0.3107

Trichromacy



Original Color

72.0661, 0.3054, 0.3214

Protanomaly

72.1046, 0.3088, 0.3214

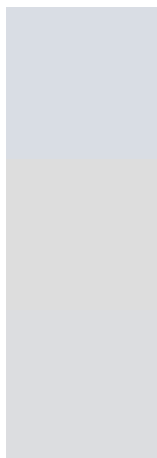
Deuteranomaly

72.1058, 0.3140, 0.3163

Tritanomaly

72.0323, 0.3022, 0.3139

Monochromacy



Original Color

72.0661, 0.3054, 0.3214

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3104, 0.3100, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0661, 0.3054, 0.3214 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(217, 221, 228)` looks like.

```
.text, #text, p{  
    color:rgb(217, 221, 228)  
}
```

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(217, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 221, 228) }
```

Border

The CSS property to change the border of an element to Yxy 72.0661, 0.3054, 0.3214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

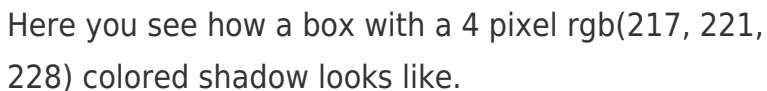
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 221, 228) }
```

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

```
.border{ border-color:rgb(217, 221, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 221, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 221, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 221, 228); box-shadow:4px 4px 4px 4px rgb(217, 221, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0661, 0.3054, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 221, 228) }
```

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

```
.background{ background-color: rgb(217,  
221, 228) }
```

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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