

Converting Colors

$Yxy(75.6776, 0.2996, 0.3295)$

Have a look what the booklet for
Yxy(75.6776, 0.2996, 0.3295)
contains.

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Color

Yxy(75.9524, 0.2999, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D2E6E5
RGB	210, 230, 229
RGB Percent	82%, 90%, 90%
CMY	0.1767, 0.0980, 0.1021
CMYK	0.09, 0.00, 0.00, 0.10
HSL	177°, 29%, 86%
HSV	177°, 9%, 90%
XYZ	69.0037, 75.9524, 85.1330
YIQ	223.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

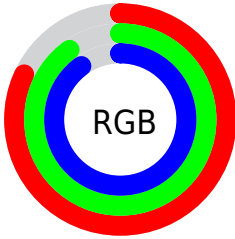
Format	Color
R _Y B	210, 220, 230
Decimal	13821669
CIE Lab	89.84, -6.81, -1.77
CIE LCh	90, 7.041, 194.583
Yxy	75.9524, 0.2999, 0.3301
Android (android.graphics.Color)	4292011749 (0xFFD2E6E5)
YUV	223.9060, 2.5113, -12.1956
Hunter-Lab	87.1507, -11.1819, 3.0882

Details

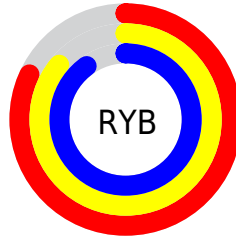
The Yxy color `75.9524, 0.2999, 0.3301` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `67.5970, 0.3271, 0.3279`, and the grayscale version is `74.4537, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.6845, 0.2963, 0.3304` is the 20% darker color. If you saturate the color by 10%, you get `72.7528, 0.2859, 0.3315`, and if you desaturate by 10%, it is `79.6441, 0.3146, 0.3288`.

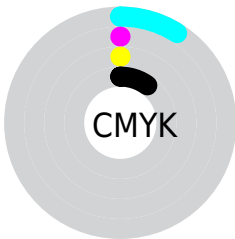
Distribution



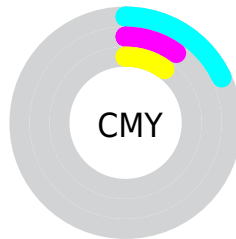
- Red (82%)
- Green (90%)
- Blue (90%)



- Red (82%)
- Yellow (86%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9524, 0.2999, 0.3301 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 75.9524, 0.2999, 0.3301 by changing the saturation by 10% instead.

■ 75.9524, 0.2999,
0.3301

■ 75.9524, 0.2999,
0.3301

481.1847, 0.3058,
0.3296

■ 56.3935, 0.2986,
0.3302

127.6596, 0.3019,
0.3299

■ 40.5185, 0.2969,
0.3303

160.5767, 0.3027,
0.3299

■ 27.9430, 0.2949,
0.3305

198.7153, 0.3034,
0.3298

■ 18.2827, 0.2922,
0.3307

242.4598, 0.3040,
0.3298

■ 11.1532, 0.2885,
0.3309

292.1946, 0.3045,
0.3297

■ 6.1699, 0.2833,
0.3312

348.3041, 0.3050,

■ 2.9487, 0.2753,

0.3297

0.3316

411.1727, 0.3054,
0.3297

■ 1.1050, 0.2612,
0.3322

■ 0.0000, 0.0000,
0.0000

■ 75.9524, 0.2999,
0.3301

■ 75.9524, 0.2999,
0.3301

■ 72.7528, 0.2859,
0.3315

■ 79.6441, 0.3146,
0.3288

■ 70.0151, 0.2730,
0.3330


■ 83.6565, 0.3291,
0.3277


■ 67.7203, 0.2614,
0.3345

■ 83.7246, 0.3283,
0.3265


■ 65.8446, 0.2514,
0.3362


■ 83.7932, 0.3276,
0.3253


 64.3620, 0.2432,
0.3379


 83.8623, 0.3268,
0.3242

 63.2432, 0.2370,
0.3396

 83.9319, 0.3260,
0.3230


 62.4553, 0.2326,
0.3414

 84.0019, 0.3252,
0.3218

 61.9591, 0.2302,
0.3431

 84.0723, 0.3244,
0.3206

 61.6963, 0.2293,
0.3448

 84.1433, 0.3236,
0.3195

Harmonies

Analogous

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



75.9524, 0.3065, 0.3373



75.9524, 0.2999, 0.3301



75.9524, 0.2967, 0.3227

Triad

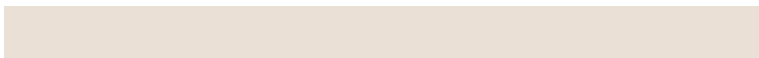
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9524, 0.2999, 0.3301



75.9524, 0.3104, 0.3162



75.9524, 0.3280, 0.3408

Complementary

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



75.9524, 0.2999, 0.3301



67.5970, 0.3271, 0.3279

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.



75.9524, 0.3290, 0.3350



75.9524, 0.2999, 0.3301



75.9524, 0.3188, 0.3209

Square

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



75.9524, 0.2999, 0.3301



75.9524, 0.3027, 0.3148



75.9524, 0.3257, 0.3278



75.9524, 0.3227, 0.3435

Rectangle

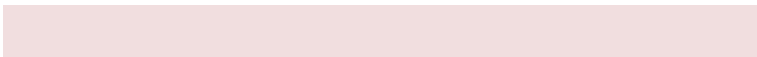
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



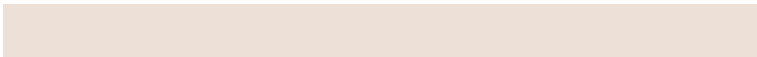
75.9524, 0.2999, 0.3301



75.9524, 0.2969, 0.3186



75.9524, 0.3257, 0.3278



75.9524, 0.3288, 0.3392

Sweetspot

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



75.9556, 0.2999, 0.3301



98.5522, 0.3082, 0.3294



75.1476, 0.3126, 0.3513



21.0135, 0.3070, 0.3295



0.0000, 0.0000, 0.0000



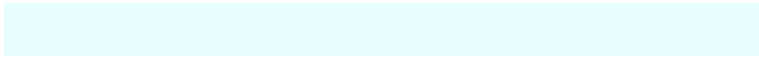
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9556, 0.2999, 0.3301



95.3951, 0.2980, 0.3303



71.2922, 0.2992, 0.3194



16.3227, 0.2989, 0.3302



34.9120, 0.2291, 0.3448



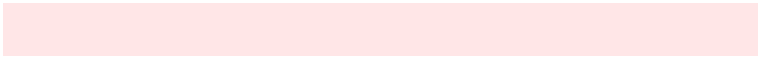
2.5839, 0.2284, 0.3423

Inverse Universe

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



67.5970, 0.3271, 0.3279



83.3356, 0.3296, 0.3277



71.9561, 0.3269, 0.3384



14.3801, 0.3284, 0.3278



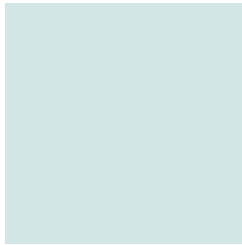
9.5446, 0.6344, 0.3268



0.7096, 0.6187, 0.3182

Previews

White Background



This preview shows how the Yxy color 75.9524, 0.2999, 0.3301 looks on a white background.

Color Contrast Check

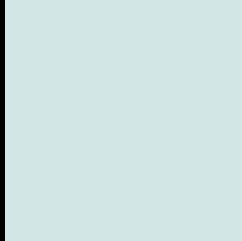
Large Text (above 18pt) WCAG AA × Fail

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 75.9524, 0.2999, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

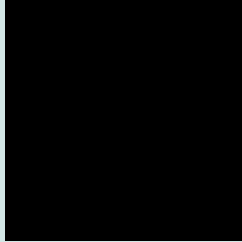
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

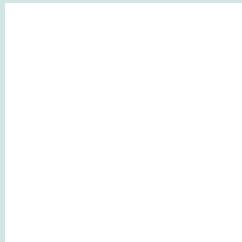
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9524, 0.2999, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 75.9524, 0.2999, 0.3301.



This preview shows how white text looks on a background with the Yxy color 75.9524, 0.2999, 0.3301.

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

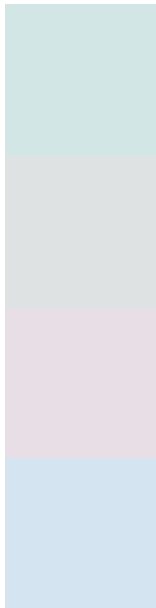




Tritanopia

75.7381, 0.2916, 0.3087

Trichromacy



Original Color

75.9524, 0.2999, 0.3301

Protanomaly

75.4684, 0.3093, 0.3279

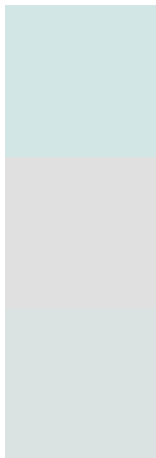
Deuteranomaly

75.6443, 0.3145, 0.3217

Tritanomaly

75.7751, 0.2946, 0.3161

Monochromacy



Original Color

75.9524, 0.2999, 0.3301

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.9438, 0.3079, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9524, 0.2999, 0.3301 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(210, 230, 229)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 229)  
}
```

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(210, 230, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 229) }
```

Border

The CSS property to change the border of an element to Yxy 75.9524, 0.2999, 0.3301 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(210, 230, 229) }
```

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

```
.border{ border-color:rgb(210, 230, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 230, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 230, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 230, 229); box-shadow:4px 4px 4px 4px rgb(210, 230, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9524, 0.2999, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 229) }
```

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

```
.background{ background-color: rgb(210,  
230, 229) }
```

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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