

Converting Colors

$Yxy(66.4698, 0.2757, 0.3202)$

Have a look what the booklet for
Yxy(66.4698, 0.2757, 0.3202)
contains.

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Color

Yxy(66.6704, 0.2755, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	ACDEE5
RGB	172, 222, 229
RGB Percent	67%, 87%, 90%
CMY	0.3252, 0.1295, 0.1019
CMYK	0.25, 0.03, 0.00, 0.10
HSL	187°, 52%, 79%
HSV	187°, 25%, 90%
XYZ	57.2916, 66.6704, 83.9931
YIQ	207.8480, -32.0470, -8.4230

Conversions

Conversions Part 2

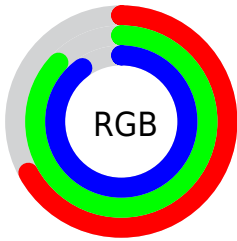
Format	Color
RYB	172, 199, 229
Decimal	11329253
CIELab	85.34, -14.43, -8.71
CIELCh	85, 16.856, 211.095
Yxy	66.6704, 0.2755, 0.3206
Android (android.graphics.Color)	4289519333 (0xFFACDEE5)
YUV	207.8480, 10.4279, -31.4387
Hunter-Lab	81.6519, -17.6452, -3.8336

Details

The Yxy color **66.6704, 0.2755, 0.3206** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.9280, 0.3631, 0.3372**, and the grayscale version is **62.9308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **34.5450, 0.2662, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **62.8094, 0.2620, 0.3168**, and if you desaturate by 10%, it is **71.0087, 0.2900, 0.3242**.

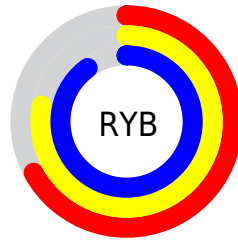
Distribution



Red (67%)

Green (87%)

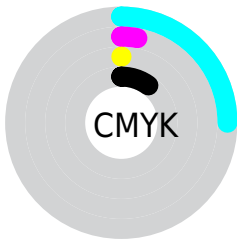
Blue (90%)



Red (67%)

Yellow (78%)

Blue (90%)

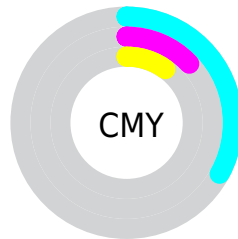


Cyan (25%)

Magenta (3%)

Yellow (0%)

Black (10%)



Cyan (33%)

Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6704, 0.2755, 0.3206 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 66.6704, 0.2755, 0.3206 by changing the saturation by 10% instead.

■ 66.6704, 0.2755,
0.3206

■ 66.6704, 0.2755,
0.3206

448.7707, 0.2928,
0.3248

■ 48.8168, 0.2715,
0.3196

■ 114.4480, 0.2815,
0.3221

■ 34.4742, 0.2666,
0.3182

145.1408, 0.2838,
0.3227

■ 23.2581, 0.2604,
0.3165

180.8822, 0.2859,
0.3232

■ 14.7842, 0.2523,
0.3141

222.0564, 0.2876,
0.3236

■ 8.6681, 0.2412,
0.3106

269.0480, 0.2891,
0.3240

■ 4.5253, 0.2252,
0.3052

322.2413, 0.2905,

■ 1.9715, 0.2002,

0.3243

0.2957

382.0207, 0.2917,
0.3246

0.5909, 0.1005,
0.2838

0.0000, 0.0000,
0.0000

66.6704, 0.2755,
0.3206

66.6704, 0.2755,
0.3206

62.8094, 0.2620,
0.3168

71.0087, 0.2900,
0.3242

59.3945, 0.2497,
0.3127

75.8374, 0.3052,
0.3275

56.4033, 0.2390,
0.3085

81.1794, 0.3207,
0.3305

53.8083, 0.2301,
0.3042

85.3689, 0.3303,
0.3333

■ 51.5783, 0.2231,
0.2998

■ 86.9866, 0.3300,
0.3361

■ 49.6771, 0.2180,
0.2955

■ 88.6302, 0.3297,
0.3388

■ 48.0605, 0.2148,
0.2912

■ 90.2997, 0.3294,
0.3416

■ 47.3046, 0.2136,
0.2890

■ 91.9952, 0.3291,
0.3443

■ 93.7169, 0.3288,
0.3470

Harmonies

Analogous

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



66.6704, 0.2873, 0.3402



66.6704, 0.2755, 0.3206



66.6704, 0.2733, 0.3042

Triad

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



66.6704, 0.2755, 0.3206



66.6704, 0.3184, 0.3032



66.6704, 0.3447, 0.3634

Complementary

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



66.6704, 0.2755, 0.3206



51.9280, 0.3631, 0.3372

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.



66.6704, 0.3537, 0.3521



66.6704, 0.2755, 0.3206



66.6704, 0.3383, 0.3177

Square

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



66.6704, 0.2755, 0.3206



66.6704, 0.2975, 0.2950



66.6704, 0.3514, 0.3354



66.6704, 0.3271, 0.3656

Rectangle

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



66.6704, 0.2755, 0.3206



66.6704, 0.2775, 0.2972



66.6704, 0.3514, 0.3354



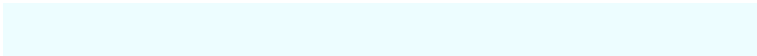
66.6704, 0.3488, 0.3605

Sweetspot

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



66.6731, 0.2755, 0.3206



95.3713, 0.3018, 0.3268



68.0735, 0.3054, 0.3911



20.3312, 0.3009, 0.3266



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.



66.6731, 0.2755, 0.3206



82.3815, 0.2682, 0.3186



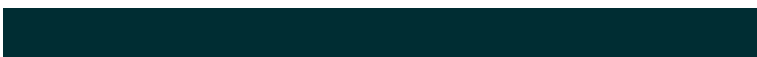
52.9790, 0.2725, 0.2862



16.0164, 0.2982, 0.3260



27.1616, 0.2138, 0.2896



2.0929, 0.2155, 0.2959

Inverse Universe

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



51.4688, 0.3213, 0.2744



59.9263, 0.3234, 0.2625



64.3623, 0.3556, 0.3684



14.5830, 0.3157, 0.3087



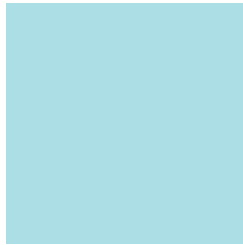
11.9397, 0.3547, 0.1727



0.8910, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 66.6704, 0.2755, 0.3206 looks on a white background.

Color Contrast Check

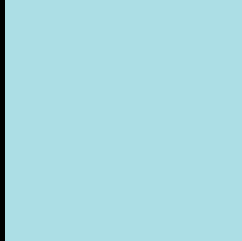
Large Text (above 18pt) WCAG AA × Fail

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 66.6704, 0.2755, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

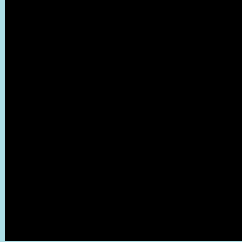
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6704, 0.2755, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 66.6704, 0.2755, 0.3206.



This preview shows how white text looks on a background with the Yxy color 66.6704, 0.2755, 0.3206.

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

66.6704, 0.2755, 0.3206

Protanopia

66.0624, 0.3060, 0.3156

Deuteranopia

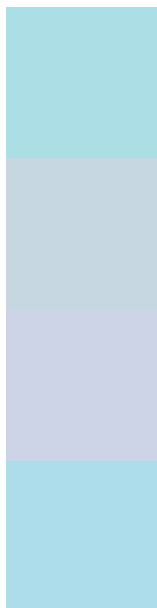
66.2991, 0.3081, 0.3021



Tritanopia

66.8846, 0.2715, 0.3092

Trichromacy



Original Color

66.6704, 0.2755, 0.3206

Protanomaly

66.0429, 0.2942, 0.3175

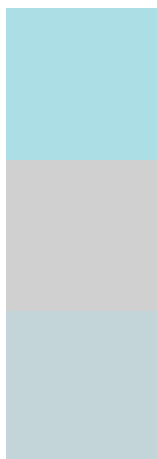
Deuteranomaly

65.8356, 0.2951, 0.3077

Tritanomaly

66.5953, 0.2726, 0.3126

Monochromacy



Original Color

66.6704, 0.2755, 0.3206

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.1485, 0.2978, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6704, 0.2755, 0.3206 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(172, 222, 229)` looks like.

```
.text, #text, p{  
    color:rgb(172, 222, 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(172, 222, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 222, 229) }
```

Border

The CSS property to change the border of an element to Yxy 66.6704, 0.2755, 0.3206 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(172, 222, 229) }
```

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

```
.border{ border-color:rgb(172, 222, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 222, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 222, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 222, 229); box-shadow:4px 4px 4px 4px rgb(172, 222, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6704, 0.2755, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 222, 229) }
```

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

```
.background{ background-color: rgb(172,  
222, 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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