Converting Colors

Yxy(74.0416, 0.2758, 0.3233)

Have a look what the booklet for Yxy(74.0416, 0.2758, 0.3233) contains.

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Color

Yxy(74.0346, 0.2758, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	B3E9EE
RGB	179, 233, 238
RGB Percent	70%, 91%, 93%
CMY	0.2977, 0.0863, 0.0666
CMYK	0.25, 0.02, 0.00, 0.07
HSL	185°, 63%, 82%
HSV	185°, 25%, 93%
XYZ	63.1768, 74.0346, 91.8560
YIQ	217.4240, -33.7890, -9.8930

Conversions

Conversions Part 2

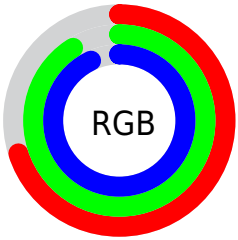
Format	Color
RYB	179, 207, 238
Decimal	11790830
CIELab	88.94, -15.96, -8.05
CIELCh	89, 17.879, 206.758
Yxy	74.0346, 0.2758, 0.3232
Android (android.graphics.Color)	4289980910 (0xFFB3E9EE)
YUV	217.4240, 10.1440, -33.6978
Hunter-Lab	86.0434, -19.5134, -3.0650

Details

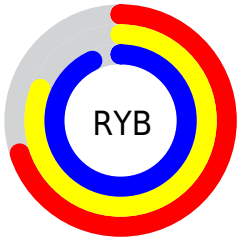
The Yxy color 74.0346, 0.2758, 0.3232 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 55.7625, 0.3636, 0.3347, and the grayscale version is 69.6530, 0.3127, 0.3290.

A 20% lighter version of the original color is 96.5729, 0.3011, 0.3290, and 39.1817, 0.2676, 0.3214 is the 20% darker color. If you saturate the color by 10%, you get 70.2983, 0.2625, 0.3206, and if you desaturate by 10%, it is 78.2797, 0.2902, 0.3257.

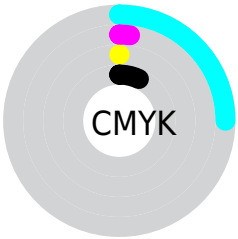
Distribution



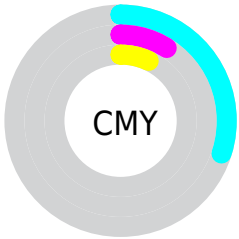
- Red (70%)
- Green (91%)
- Blue (93%)



- Red (70%)
- Yellow (81%)
- Blue (93%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (30%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0346, 0.2758, 0.3232 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 74.0346, 0.2758, 0.3232 by changing the saturation by 10% instead.

74.0346, 0.2758, 0.3232

474.5928, 0.2926, 0.3261

124.9449, 0.2816, 0.3243

157.4117, 0.2839, 0.3247

195.0654, 0.2858, 0.3250

238.2906, 0.2875, 0.3253

287.4715, 0.2890, 0.3255

342.9926, 0.2904,

74.0346, 0.2758, 0.3232

54.8224, 0.2720, 0.3225

39.2595, 0.2674, 0.3216

26.9617, 0.2615, 0.3203

17.5444, 0.2540, 0.3187

10.6234, 0.2438, 0.3163

5.8142, 0.2295, 0.3126

2.7324, 0.2080,

0.3258

405.2382, 0.2916, 0.3260

0.3062

0.9937, 0.1642, 0.2962

0.0000, 0.0000, 0.0000

74.0346, 0.2758, 0.3232

74.0346, 0.2758, 0.3232

70.2983, 0.2625, 0.3206

78.2797, 0.2902, 0.3257

67.0365, 0.2506, 0.3178

83.0478, 0.3053, 0.3280

64.2249, 0.2404, 0.3149

88.3640, 0.3209, 0.3301

61.8332, 0.2319, 0.3120

90.4053, 0.3238, 0.3320

59.8273, 0.2254, 0.3090

58.1674, 0.2209, 0.3061

56.8051, 0.2181, 0.3032

56.1710, 0.2171, 0.3017

91.6140, 0.3236, 0.3340

92.8362, 0.3235, 0.3360

94.0717, 0.3233, 0.3379

95.3209, 0.3231, 0.3399

96.5835, 0.3229, 0.3418

Harmonies

Analogous

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

74.0346, 0.2892, 0.3433

74.0346, 0.2758, 0.3232

74.0346, 0.2720, 0.3056

Triad

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

74.0346, 0.2758, 0.3232

74.0346, 0.3153, 0.3009

74.0346, 0.3474, 0.3631

Complementary

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

74.0346, 0.2758, 0.3232

55.7625, 0.3636, 0.3347

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.

74.0346, 0.3551, 0.3504

74.0346, 0.2758, 0.3232

74.0346, 0.3363, 0.3150

Square

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

74.0346, 0.2758, 0.3232

74.0346, 0.2943, 0.2937

74.0346, 0.3510, 0.3328

74.0346, 0.3304, 0.3668

Rectangle

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

74.0346, 0.2758, 0.3232

74.0346, 0.2753, 0.2977

74.0346, 0.3510, 0.3328

74.0346, 0.3512, 0.3597

Sweetspot

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

74.0376, 0.2758, 0.3232

95.8033, 0.3018, 0.3275

74.2092, 0.3066, 0.3933

20.4316, 0.3009, 0.3273

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.

74.0376, 0.2758, 0.3232

84.1734, 0.2685, 0.3218

58.7803, 0.2728, 0.2886

17.6849, 0.2981, 0.3269

31.4298, 0.2173, 0.3021

2.6820, 0.2183, 0.3059

Inverse Universe

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

56.3350, 0.3195, 0.2723

60.1072, 0.3212, 0.2599

69.2560, 0.3560, 0.3663

16.0068, 0.3151, 0.3077

12.9662, 0.3436, 0.1666

1.0855, 0.3402, 0.1648

Previews

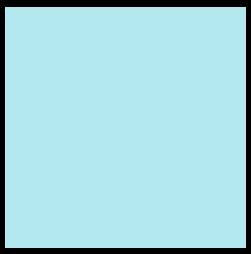
White Background

This preview shows how the Yxy color 74.0346, 0.2758, 0.3232 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



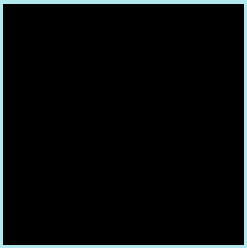
This preview shows how the Yxy color 74.0346, 0.2758, 0.3232 looks on a black background.

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 74.0346, 0.2758, 0.3232 Background



This preview shows how black text looks on a background with the Yxy color 74.0346, 0.2758, 0.3232.

This preview shows how white text looks on a background with the Yxy color 74.0346, 0.2758, 0.3232.

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
74.0346, 0.2758, 0.3232

Protanopia
73.3297, 0.3083, 0.3183

Deuteranopia
73.2955, 0.3104, 0.3032

Tritanopia
73.9990, 0.2709, 0.3078

Trichromacy

Original Color
74.0346, 0.2758, 0.3232

Protanomaly
73.2008, 0.2955, 0.3191

Deuteranomaly
72.9809, 0.2965, 0.3096

Tritanomaly
74.1908, 0.2725, 0.3132

Monochromacy

Original Color
74.0346, 0.2758, 0.3232

Achromatopsia
69.3872, 0.3127, 0.3290

Achromatomaly
70.9081, 0.2977, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0346, 0.2758, 0.3232 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(179, 233, 238) looks like.

```
.text, #text, p{
    color:rgb(179, 233, 238)
}
```

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(179, 233, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 233, 238) }
```

Border

The CSS property to change the border of an element to Yxy 74.0346, 0.2758, 0.3232 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(179, 233, 238) }
```

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

```
.border{ border-color:rgb(179, 233, 238) }
```

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

Here you see how a box with a 4 pixel rgb(179, 233, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 233, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 233, 238); box-shadow:4px 4px 4px 4px rgb(179, 233, 238) }
```

Background

The CSS property to change the background color of an element to Yxy 74.0346, 0.2758, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(179, 233, 238) }
```

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

```
.background{ background-color:rgb(179,
233, 238) }
```

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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