

Converting Colors

$Yxy(40.7494, 0.2727, 0.3360)$

Have a look what the booklet for
Yxy(40.7494, 0.2727, 0.3360)
contains.

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Color

Yxy(40.6577, 0.2723, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	7EB5B1
RGB	126, 181, 177
RGB Percent	49%, 71%, 69%
CMY	0.5058, 0.2902, 0.3058
CMYK	0.30, 0.00, 0.02, 0.29
HSL	176°, 27%, 60%
HSV	176°, 30%, 71%
XYZ	33.0678, 40.6577, 47.7133
YIQ	164.0990, -31.4960, -12.9040

Conversions

Conversions Part 2

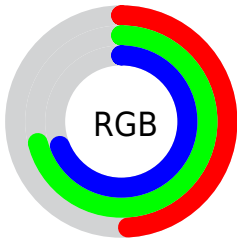
Format	Color
RYB	126, 155, 181
Decimal	8304049
CIELab	69.94, -18.75, -3.75
CIElCh	70, 19.120, 191.301
Yxy	40.6577, 0.2723, 0.3348
Android (android.graphics.Color)	4286494129 (0xFF7EB5B1)
YUV	164.0990, 6.3602, -33.4128
Hunter-Lab	63.7634, -19.0156, 0.2685

Details

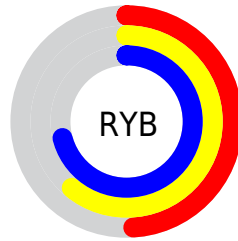
The Yxy color $40.6577, 0.2723, 0.3348$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $26.3616, 0.3748, 0.3234$, and the grayscale version is $37.1575, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1549, 0.2794, 0.3334$, and $18.3749, 0.2599, 0.3352$ is the 20% darker color. If you saturate the color by 10%, you get $39.3535, 0.2612, 0.3370$, and if you desaturate by 10%, it is $42.2147, 0.2847, 0.3327$.

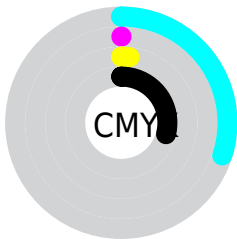
Distribution



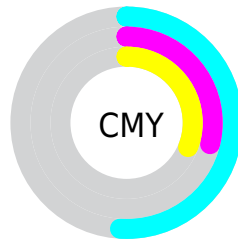
- Red (49%)
- Green (71%)
- Blue (69%)



- Red (49%)
- Yellow (61%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6577, 0.2723, 0.3348 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 40.6577, 0.2723, 0.3348 by changing the saturation by 10% instead.


 40.6577, 0.2723,
0.3348


 40.6577, 0.2723,
0.3348


348.8879, 0.2928,
0.3321


 28.0517, 0.2671,
0.3354


 76.1640, 0.2798,
0.3339

 18.3646, 0.2604,
0.3362


 99.8331, 0.2826,
0.3335

 11.2121, 0.2513,
0.3371


 127.9587, 0.2850,
0.3332

 6.2097, 0.2386,
0.3383

160.9252, 0.2870,
0.3329

 2.9730, 0.2192,
0.3397

199.1170, 0.2887,
0.3326

 1.1177, 0.1806,
0.3434

242.9184, 0.2903,

 0.0000, 0.0000,

0.3324

0.0000

292.7139, 0.2916,
0.3322

■ 40.6577, 0.2723,
0.3348

■ 40.6577, 0.2723,
0.3348

■ 39.3535, 0.2612,
0.3370

■ 42.2147, 0.2847,
0.3327

■ 38.2836, 0.2517,
0.3393

■ 44.0319, 0.2980,
0.3308

■ 37.4350, 0.2439,
0.3417


■ 46.1225, 0.3122,
0.3291


■ 36.7915, 0.2380,
0.3441

■ 48.4975, 0.3268,
0.3275

■ 36.3342, 0.2340,
0.3465


■ 51.1672, 0.3416,
0.3261


 36.0414, 0.2318,
0.3489

 54.1414, 0.3564,
0.3248

 35.8712, 0.2309,
0.3512

 57.4293, 0.3710,
0.3237

 57.9155, 0.3718,
0.3224

 57.9720, 0.3706,
0.3210

Harmonies

Analogous

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



40.6577, 0.2945, 0.3601



40.6577, 0.2723, 0.3348



40.6577, 0.2609, 0.3091

Triad

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



40.6577, 0.2723, 0.3348



40.6577, 0.3013, 0.2867



40.6577, 0.3651, 0.3657

Complementary

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



40.6577, 0.2723, 0.3348



26.3616, 0.3748, 0.3234

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.



40.6577, 0.3675, 0.3449



40.6577, 0.2723, 0.3348



40.6577, 0.3297, 0.3006

Square

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



40.6577, 0.2723, 0.3348



40.6577, 0.2770, 0.2828



40.6577, 0.3544, 0.3215



40.6577, 0.3482, 0.3777

Rectangle

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



40.6577, 0.2723, 0.3348



40.6577, 0.2605, 0.2955



40.6577, 0.3544, 0.3215



40.6577, 0.3677, 0.3594

Sweetspot

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



40.6593, 0.2723, 0.3348



79.2943, 0.2997, 0.3306



39.3472, 0.3124, 0.4154



17.0290, 0.2978, 0.3309



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.6593, 0.2723, 0.3348



71.3148, 0.2652, 0.3362



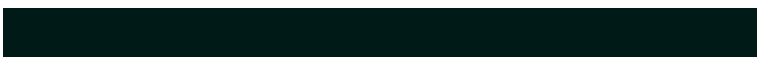
32.2576, 0.2657, 0.2937



9.6207, 0.2995, 0.3306



24.7340, 0.2308, 0.3509



0.7814, 0.2289, 0.3442

Inverse Universe

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



26.3616, 0.3748, 0.3234



41.8614, 0.3933, 0.3223



32.8021, 0.3701, 0.3618



8.5149, 0.3276, 0.3274



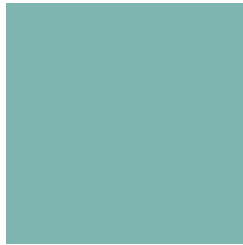
6.7966, 0.6306, 0.3248



0.2171, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 40.6577, 0.2723, 0.3348 looks on a white background.

Color Contrast Check

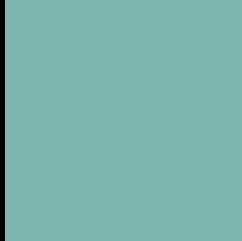
Large Text (above 18pt) WCAG AA × Fail

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 40.6577, 0.2723, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

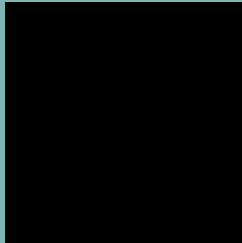
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6577, 0.2723, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 40.6577, 0.2723, 0.3348.



This preview shows how white text looks on a background with the Yxy color 40.6577, 0.2723, 0.3348.

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

40.6577, 0.2723, 0.3348

Protanopia

40.1625, 0.3155, 0.3276

Deuteranopia

40.1506, 0.3155, 0.3091



Tritanopia

40.8363, 0.2642, 0.3087

Trichromacy



Original Color

40.6577, 0.2723, 0.3348

Protanomaly

39.9722, 0.2979, 0.3290

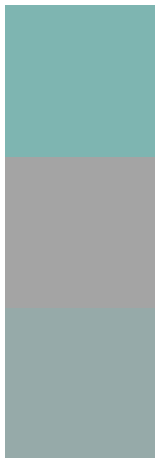
Deuteranomaly

40.0619, 0.2983, 0.3178

Tritanomaly

40.8975, 0.2676, 0.3187

Monochromacy



Original Color

40.6577, 0.2723, 0.3348

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.0981, 0.2959, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6577, 0.2723, 0.3348 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(126, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(126, 181, 177)  
}
```

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(126, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 181, 177) }
```

Border

The CSS property to change the border of an element to Yxy 40.6577, 0.2723, 0.3348 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(126, 181, 177) }
```

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

```
.border{ border-color:rgb(126, 181, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 181, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 181, 177);  
box-shadow:4px 4px 4px 4px rgb(126, 181,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6577, 0.2723, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 181, 177) }
```

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

```
.background{ background-color: rgb(126,  
181, 177) }
```

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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