

Converting Colors

$Yxy(41.5696, 0.2617, 0.3117)$

Have a look what the booklet for
Yxy(41.5696, 0.2617, 0.3117)
contains.

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Color

Yxy(41.7418, 0.2621, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	7EB6C1
RGB	126, 182, 193
RGB Percent	49%, 71%, 76%
CMY	0.5060, 0.2862, 0.2431
CMYK	0.35, 0.06, 0.00, 0.24
HSL	190°, 35%, 63%
HSV	190°, 35%, 76%
XYZ	34.9538, 41.7418, 56.6648
YIQ	166.5100, -36.9070, -8.4510

Conversions

Conversions Part 2

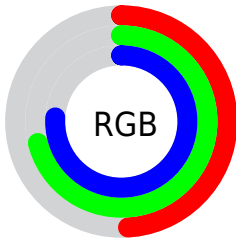
Format	Color
R_{YB}	126, 157, 193
Decimal	8304321
CIE _{Lab}	70.69, -15.45, -11.40
CIE _{LCh}	71, 19.202, 216.427
Yxy	41.7418, 0.2621, 0.3130
Android (android.graphics.Color)	4286494401 (0xFF7EB6C1)
YUV	166.5100, 13.0596, -35.5273
Hunter-Lab	64.6079, -16.4929, -6.7752

Details

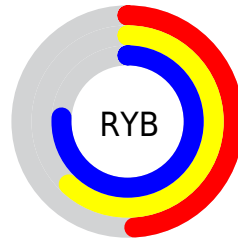
The Yxy color **41.7418, 0.2621, 0.3130** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.7217, 0.3888, 0.3442**, and the grayscale version is **38.3395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8124, 0.2716, 0.3167**, and **19.0104, 0.2472, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **39.1341, 0.2495, 0.3076**, and if you desaturate by 10%, it is **44.6650, 0.2758, 0.3181**.

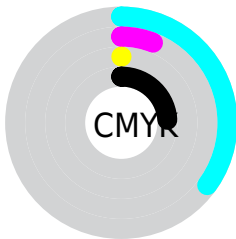
Distribution



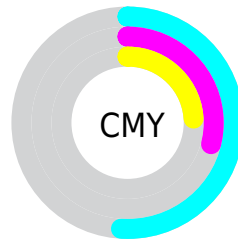
- Red (49%)
- Green (71%)
- Blue (76%)



- Red (49%)
- Yellow (62%)
- Blue (76%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7418, 0.2621, 0.3130 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 41.7418, 0.2621, 0.3130 by changing the saturation by 10% instead.

■ 41.7418, 0.2621,
0.3130

■ 41.7418, 0.2621,
0.3130

■ 353.4115, 0.2874,
0.3216

■ 28.8992, 0.2558,
0.3107

■ 77.8087, 0.2713,
0.3163

■ 19.0046, 0.2477,
0.3076

■ 101.8018, 0.2748,
0.3174

■ 11.6736, 0.2370,
0.3033

■ 130.2804, 0.2777,
0.3184

■ 6.5218, 0.2221,
0.2969

■ 163.6291, 0.2802,
0.3193

■ 3.1649, 0.2002,
0.2867

■ 202.2321, 0.2824,
0.3200

■ 1.2184, 0.1646,
0.2682

■ 246.4739, 0.2843,

■ 0.0767, 0.0000,

0.3206

0.0801

296.7389, 0.2859,
0.3211

0.0000, 0.0000,
0.0000

41.7418, 0.2621,
0.3130

41.7418, 0.2621,
0.3130

39.1341, 0.2495,
0.3076

44.6650, 0.2758,
0.3181

36.8206, 0.2383,
0.3021

47.9141, 0.2904,
0.3228

34.7846, 0.2288,
0.2963

51.5049, 0.3055,
0.3271

33.0057, 0.2212,
0.2904

55.4505, 0.3208,
0.3310

31.4604, 0.2154,
0.2846

59.7637, 0.3362,
0.3346

■ 30.1200, 0.2116,
0.2788

■ 64.4561, 0.3513,
0.3377

■ 29.4661, 0.2099,
0.2758

■ 68.3702, 0.3612,
0.3407

■ 69.8910, 0.3605,
0.3439

■ 71.4425, 0.3597,
0.3471

Harmonies

Analogous

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



41.7418, 0.2754, 0.3391



41.7418, 0.2621, 0.3130



41.7418, 0.2616, 0.2929

Triad

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



41.7418, 0.2621, 0.3130



41.7418, 0.3251, 0.2979



41.7418, 0.3516, 0.3764

Complementary

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



41.7418, 0.2621, 0.3130



30.7217, 0.3888, 0.3442

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.



41.7418, 0.3663, 0.3626



41.7418, 0.2621, 0.3130



41.7418, 0.3508, 0.3178

Square

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



41.7418, 0.2621, 0.3130



41.7418, 0.2970, 0.2855



41.7418, 0.3661, 0.3411



41.7418, 0.3267, 0.3772

Rectangle

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



41.7418, 0.2621, 0.3130



41.7418, 0.2686, 0.2853



41.7418, 0.3661, 0.3411



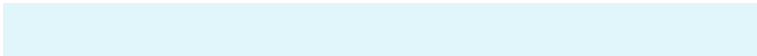
41.7418, 0.3579, 0.3730

Sweetspot

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



41.7434, 0.2621, 0.3130



88.6810, 0.2972, 0.3248



44.3505, 0.3012, 0.4159



18.8318, 0.2951, 0.3242



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.7434, 0.2621, 0.3130



71.0154, 0.2520, 0.3088



29.9143, 0.2555, 0.2632



11.1382, 0.2984, 0.3251



19.6984, 0.2102, 0.2765



0.9277, 0.2137, 0.2894

Inverse Universe

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



29.6287, 0.3281, 0.2565



46.4044, 0.3325, 0.2404



41.4192, 0.3740, 0.3868



10.2182, 0.3162, 0.3100



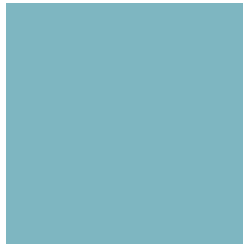
9.2708, 0.3667, 0.1794



0.4083, 0.3549, 0.1729

Previews

White Background



This preview shows how the Yxy color 41.7418, 0.2621, 0.3130 looks on a white background.

Color Contrast Check

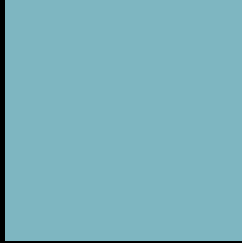
Large Text (above 18pt) WCAG AA × Fail

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 41.7418, 0.2621, 0.3130 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 41.7418, 0.2621, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 41.7418, 0.2621, 0.3130.



This preview shows how white text looks on a background with the Yxy color 41.7418, 0.2621, 0.3130.

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

41.7418, 0.2621, 0.3130

Protanopia

41.3289, 0.3005, 0.3087

Deuteranopia

41.4558, 0.2985, 0.2924



Tritanopia

41.9534, 0.2609, 0.3088

Trichromacy



Original Color

41.7418, 0.2621, 0.3130

Protanomaly

41.3026, 0.2850, 0.3095

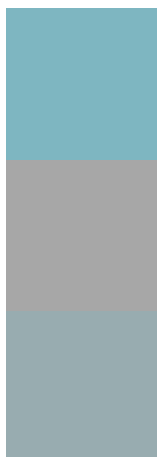
Deuteranomaly

41.1982, 0.2837, 0.2989

Tritanomaly

41.9081, 0.2615, 0.3102

Monochromacy



Original Color

41.7418, 0.2621, 0.3130

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.3150, 0.2921, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7418, 0.2621, 0.3130 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, 182, 193)` looks like.

```
.text, #text, p{  
    color:rgb(126, 182, 193)  
}
```

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, 182, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 182, 193) }
```

Border

The CSS property to change the border of an element to Yxy 41.7418, 0.2621, 0.3130 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, 182, 193) }
```

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

```
.border{ border-color:rgb(126, 182, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 182, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 182, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 182, 193);  
box-shadow:4px 4px 4px 4px rgb(126, 182,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7418, 0.2621, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 182, 193) }
```

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

```
.background{ background-color: rgb(126,  
182, 193) }
```

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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