

Converting Colors

$Yxy(44.6648, 0.2524, 0.3215)$

Have a look what the booklet for
Yxy(44.6648, 0.2524, 0.3215)
contains.

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Color

Yxy(44.5621, 0.2528, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	6EBFC4
RGB	110, 191, 196
RGB Percent	43%, 75%, 77%
CMY	0.5684, 0.2510, 0.2314
CMYK	0.44, 0.03, 0.00, 0.23
HSL	183°, 42%, 60%
HSV	183°, 44%, 77%
XYZ	35.0289, 44.5621, 58.9727
YIQ	167.3510, -49.8810, -15.6170

Conversions

Conversions Part 2

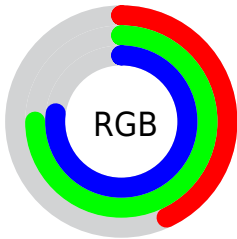
Format	Color
RYB	110, 152, 196
Decimal	7258052
CIELab	72.60, -23.43, -10.26
CIElCh	73, 25.577, 203.660
Yxy	44.5621, 0.2528, 0.3216
Android (android.graphics.Color)	4285448132 (0xFF6EBFC4)
YUV	167.3510, 14.1240, -50.2968
Hunter-Lab	66.7549, -23.1550, -5.6497

Details

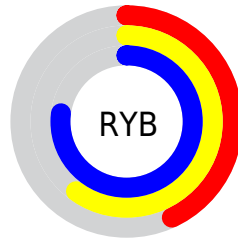
The Yxy color **44.5621, 0.2528, 0.3216** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.1345, 0.4240, 0.3360**, and the grayscale version is **38.7784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3336, 0.2632, 0.3233**, and **20.6012, 0.2366, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **42.9471, 0.2427, 0.3197**, and if you desaturate by 10%, it is **46.4625, 0.2645, 0.3235**.

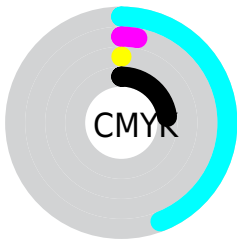
Distribution



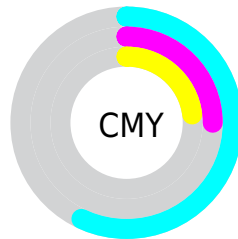
- Red (43%)
- Green (75%)
- Blue (77%)



- Red (43%)
- Yellow (60%)
- Blue (77%)



- Cyan (44%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)





- Cyan (57%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5621, 0.2528, 0.3216 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 44.5621, 0.2528, 0.3216 by changing the saturation by 10% instead.


 44.5621, 0.2528,
0.3216

 44.5621, 0.2528,
0.3216


364.9971, 0.2824,
0.3260

 31.1127, 0.2456,
0.3203


 82.0629, 0.2635,
0.3233

 20.6846, 0.2363,
0.3185


 106.8830, 0.2675,
0.3240

 12.8937, 0.2242,
0.3159


 136.2622, 0.2709,
0.3245

 7.3554, 0.2077,
0.3119

170.5848, 0.2739,
0.3249

 3.6853, 0.1840,
0.3051

210.2352, 0.2764,
0.3252

 1.4991, 0.1470,
0.2921

255.5978, 0.2787,

 0.2881, 0.0000,

0.3255

0.2181

307.0570, 0.2806,
0.3258

0.0000, 0.0000,
0.0000

44.5621, 0.2528,
0.3216

44.5621, 0.2528,
0.3216

42.9471, 0.2427,
0.3197

46.4625, 0.2645,
0.3235

41.5937, 0.2344,
0.3177

48.6599, 0.2776,
0.3252

40.4829, 0.2280,
0.3158


51.1716, 0.2918,
0.3269


39.5908, 0.2235,
0.3138


54.0120, 0.3068,
0.3284

38.8883, 0.2208,
0.3119


57.1947, 0.3223,
0.3299

 38.5165, 0.2196,
0.3107

 60.7323, 0.3381,
0.3311

 64.6370, 0.3538,
0.3323

 66.6032, 0.3598,
0.3334

 67.1330, 0.3596,
0.3346

Harmonies

Analogous

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



44.5621, 0.2758, 0.3568



44.5621, 0.2528, 0.3216



44.5621, 0.2452, 0.2913

Triad

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



44.5621, 0.2528, 0.3216



44.5621, 0.3127, 0.2810



44.5621, 0.3734, 0.3843

Complementary

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



44.5621, 0.2528, 0.3216



25.1345, 0.4240, 0.3360

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.



44.5621, 0.3852, 0.3606



44.5621, 0.2528, 0.3216



44.5621, 0.3491, 0.3027

Square

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



44.5621, 0.2528, 0.3216



44.5621, 0.2782, 0.2703



44.5621, 0.3763, 0.3311



44.5621, 0.3453, 0.3942

Rectangle

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



44.5621, 0.2528, 0.3216



44.5621, 0.2494, 0.2778



44.5621, 0.3763, 0.3311



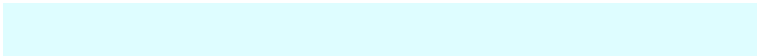
44.5621, 0.3795, 0.3775

Sweetspot

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



44.5638, 0.2528, 0.3216



93.0231, 0.2927, 0.3270



44.0169, 0.3038, 0.4574



19.6797, 0.2895, 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.



44.5638, 0.2528, 0.3216



77.8138, 0.2427, 0.3197



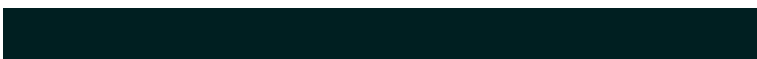
28.7124, 0.2417, 0.2560



11.3249, 0.2984, 0.3276



24.7957, 0.2197, 0.3110



1.1024, 0.2209, 0.3152

Inverse Universe

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



26.6601, 0.3230, 0.2282



41.3814, 0.3257, 0.2081



37.0839, 0.3979, 0.3915



10.2371, 0.3146, 0.3076



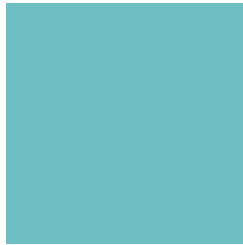
9.7854, 0.3359, 0.1624



0.4259, 0.3322, 0.1604

Previews

White Background



This preview shows how the Yxy color 44.5621, 0.2528, 0.3216 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 44.5621, 0.2528, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

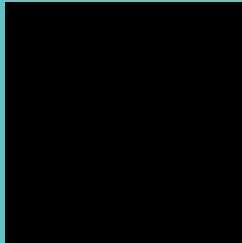
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5621, 0.2528, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 44.5621, 0.2528, 0.3216.



This preview shows how white text looks on a background with the Yxy color 44.5621, 0.2528, 0.3216.

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

44.5621, 0.2528, 0.3216

Protanopia

44.1035, 0.3056, 0.3145

Deuteranopia

44.2476, 0.3005, 0.2946



Tritanopia

44.7454, 0.2491, 0.3076

Trichromacy



Original Color

44.5621, 0.2528, 0.3216

Protanomaly

43.5378, 0.2832, 0.3165

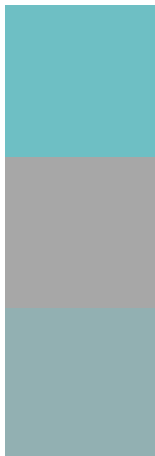
Deuteranomaly

43.9341, 0.2798, 0.3033

Tritanomaly

44.5359, 0.2503, 0.3117

Monochromacy



Original Color

44.5621, 0.2528, 0.3216

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.3760, 0.2860, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5621, 0.2528, 0.3216 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(110, 191, 196)` looks like.

```
.text, #text, p{  
    color:rgb(110, 191, 196)  
}
```

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(110, 191, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 191, 196) }
```

Border

The CSS property to change the border of an element to Yxy 44.5621, 0.2528, 0.3216 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(110, 191, 196) }
```

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

```
.border{ border-color:rgb(110, 191, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 191, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 191, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 191, 196);  
box-shadow:4px 4px 4px 4px rgb(110, 191,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5621, 0.2528, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 191, 196) }
```

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

```
.background{ background-color: rgb(110,  
191, 196) }
```

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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