

Converting Colors

XYZ(44.6554, 53.4661, 82.4630)

Have a look what the booklet for
XYZ(44.6554, 53.4661, 82.4630)
contains.

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Color

**XYZ(44.7779, 53.4881,
82.8271)**

Conversions

Conversions Part 1

Format	Color
Hex	80CCE6
RGB	128, 204, 230
RGB Percent	50%, 80%, 90%
CMY	0.4980, 0.2000, 0.0980
CMYK	0.44, 0.11, 0.00, 0.10
HSL	195°, 67%, 70%
HSV	195°, 44%, 90%
XYZ	44.7779, 53.4881, 82.8271
YIQ	184.2400, -53.6420, -8.0260

Conversions

Conversions Part 2

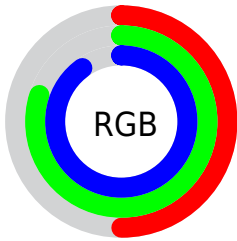
Format	Color
RYB	128, 172, 230
Decimal	8441062
CIELab	78.16, -16.82, -20.22
CIELCh	78, 26.301, 230.255
Yxy	53.4881, 0.2473, 0.2954
Android (android.graphics.Color)	4286631142 (0xFF80CCE6)
YUV	184.2400, 22.5597, -49.3225
Hunter-Lab	73.1356, -18.6990, -15.9519

Details

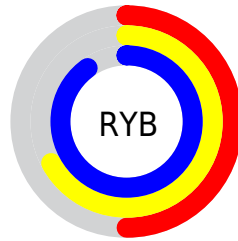
The XYZ color **44.7779, 53.4881, 82.8271** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.0862, 41.4939, 25.8984**, and the grayscale version is **45.5945, 47.9689, 52.2382**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **21.1449, 26.2083, 43.9887** is the 20% darker color. If you saturate the color by 10%, you get **40.3357, 49.1694, 82.2286**, and if you desaturate by 10%, it is **50.0600, 58.3200, 83.4823**.

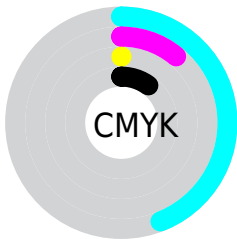
Distribution



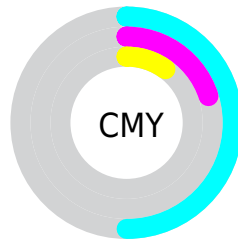
- Red (50%)
- Green (80%)
- Blue (90%)



- Red (50%)
- Yellow (67%)
- Blue (90%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (50%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7779, 53.4881, 82.8271 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 XYZ color 44.7779, 53.4881, 82.8271 by changing the saturation by 10% instead.

■ 44.7779, 53.4881,
82.8271

■ 44.7779, 53.4881,
82.8271

356.6722,
400.1550, 524.3660

■ 31.4831, 38.1926,
61.5077

■ 81.6261, 95.3222,
139.1803

■ 21.1206, 26.1322,
44.2018

■ 105.9103,
122.6296, 175.0513

■ 13.3251, 16.9225,
30.4909

■ 134.5882,
154.7097, 216.6099

■ 7.7314, 10.1793,
19.9563

168.0252,
191.9469, 264.2746

■ 3.9739, 5.5180,
12.1795

206.5868,
234.7257, 318.4641

■ 1.6874, 2.5543,
6.7420

250.6382,

■ 0.4483, 0.9037,

283.4303, 379.5968

3.2253

300.5449,
338.4453, 448.0912

■ 0.0000, 0.0000,
1.2108

■ 0.0000, 0.0000,
0.0000

■ 44.7779, 53.4881,
82.8271

■ 44.7779, 53.4881,
82.8271

■ 40.3357, 49.1694,
82.2286

■ 50.0600, 58.3200,
83.4823

■ 36.6740, 45.3289,
81.6803

■ 56.2261, 63.6852,
84.1929

■ 33.7337, 41.9365,
81.1805

■ 63.3231, 69.6097,
84.9624

■ 31.4440, 38.9548,
80.7256

■ 71.3932, 76.1162,
85.7929

■ 29.7190, 36.3386,
80.3116

■ 80.4755, 83.2257,
86.6865

■ 28.9172, 34.9814,
80.0919

■ 86.4419, 88.8108,
87.4501

■ 88.1879, 92.3028,
88.0321

■ 89.9901, 95.9073,
88.6328

■ 91.2831, 98.4932,
89.0638

Harmonies

Analogous

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



42.1189, 53.4881, 68.5988



44.7779, 53.4881, 82.8271



49.1843, 53.4881, 90.8277

Triad

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



44.7779, 53.4881, 82.8271



61.2150, 53.4881, 63.1629



47.4933, 53.4881, 35.5160

Complementary

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



44.7779, 53.4881, 82.8271



48.0862, 41.4939, 25.8984

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.



52.5301, 53.4881, 34.5597



44.7779, 53.4881, 82.8271



60.6862, 53.4881, 48.9794

Square

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



44.7779, 53.4881, 82.8271



58.8231, 53.4881, 78.2763



57.4234, 53.4881, 39.0739



43.6118, 53.4881, 41.9518

Rectangle

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



44.7779, 53.4881, 82.8271



52.6188, 53.4881, 90.7688



57.4234, 53.4881, 39.0739



49.0995, 53.4881, 34.5906

Sweetspot

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



44.7796, 53.4902, 82.8284



81.2517, 88.9728, 107.4988



42.9915, 63.5005, 40.3466



16.9353, 18.6703, 22.9611



0.0000, 0.0000, 0.0000



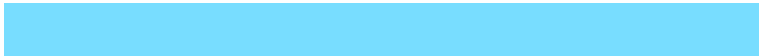
20.3446, 21.4041, 23.3091

Same Dimension

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



44.7796, 53.4902, 82.8284



51.5132, 62.6788, 103.9909



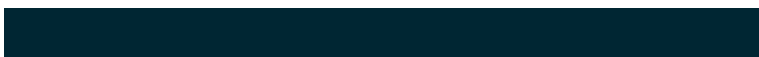
34.6598, 33.2506, 79.4551



14.4802, 15.6817, 18.4080



16.4740, 20.0101, 45.3772



1.2907, 1.6253, 3.3777

Inverse Universe

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



51.2528, 36.6226, 61.4964



60.9299, 39.8535, 72.5750



58.2425, 61.8067, 29.2839



14.8299, 14.5492, 17.3049



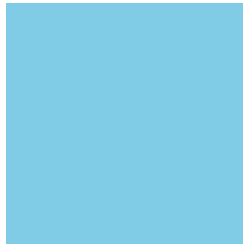
22.7088, 11.2177, 23.1594



1.7151, 0.8438, 1.9062

Previews

White Background



This preview shows how the XYZ color 44.7779, 53.4881, 82.8271 looks on a white background.

Color Contrast Check

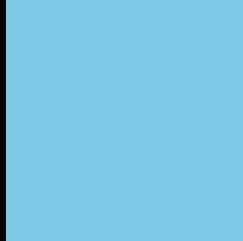
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.7779, 53.4881, 82.8271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

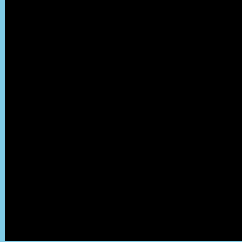
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7779, 53.4881, 82.8271

Background



This preview shows how black text looks on a background with the XYZ color 44.7779, 53.4881, 82.8271.



This preview shows how white text looks on a background with the XYZ color 44.7779, 53.4881,

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

44.7779, 53.4881, 82.8271

Protanopia

52.1755, 53.0469, 75.8957

Deuteranopia

54.1771, 52.9260, 84.4511



Tritanopia

43.6203, 53.3722, 77.1101

Trichromacy



Original Color

44.7779, 53.4881, 82.8271

Protanomaly

48.9204, 52.9687, 78.1666

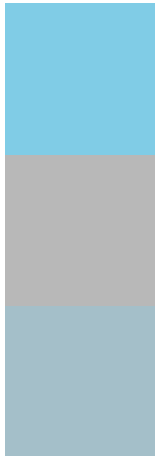
Deuteranomaly

50.0057, 52.7346, 83.8871

Tritanomaly

44.1743, 53.6109, 79.2539

Monochromacy



Original Color

44.7779, 53.4881, 82.8271

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.4833, 49.3712, 62.4434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7779, 53.4881, 82.8271 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(128, 204, 230)` looks like.

```
.text, #text, p{  
    color:rgb(128, 204, 230)  
}
```

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(128, 204, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 204, 230) }
```

Border

The CSS property to change the border of an element to XYZ 44.7779, 53.4881, 82.8271 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(128, 204, 230) }
```


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

```
.border{ border-color:rgb(128, 204, 230) }
```

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

Here you see how a box with a 4 pixel rgb(128, 204, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 204, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 204, 230);  
box-shadow:4px 4px 4px 4px rgb(128, 204,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7779, 53.4881, 82.8271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 204, 230) }
```

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

```
.background{ background-color: rgb(128,  
204, 230) }
```

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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