

Converting Colors

XYZ(43.6600, 52.4358, 81.8603)

Have a look what the booklet for
XYZ(43.6600, 52.4358, 81.8603)
contains.

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Color

**XYZ(43.8110, 52.6541,
81.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	7CCBE5
RGB	124, 203, 229
RGB Percent	49%, 80%, 90%
CMY	0.5137, 0.2039, 0.1020
CMYK	0.46, 0.11, 0.00, 0.10
HSL	195°, 67%, 69%
HSV	195°, 46%, 90%
XYZ	43.8110, 52.6541, 81.9829
YIQ	182.3430, -55.4300, -8.6620

Conversions

Conversions Part 2

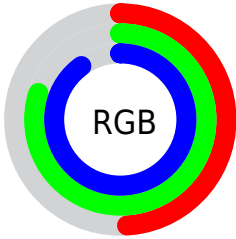
Format	Color
RYB	124, 169, 229
Decimal	8178661
CIELab	77.67, -17.52, -20.45
CIElCh	78, 26.926, 229.417
Yxy	52.6541, 0.2455, 0.2951
Android (android.graphics.Color)	4286368741 (0xFF7CCBE5)
YUV	182.3430, 23.0019, -51.1668
Hunter-Lab	72.5631, -19.2137, -16.1925

Details

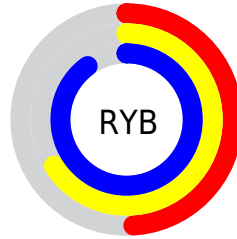
The XYZ color **43.8110, 52.6541, 81.9829** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **46.8587, 39.9272, 24.3074**, and the grayscale version is **44.5520, 46.8721, 51.0437**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **20.5370, 25.6703, 43.4076** is the 20% darker color. If you saturate the color by 10%, you get **39.5636, 48.5139, 81.4086**, and if you desaturate by 10%, it is **48.8791, 57.2924, 82.6120**.

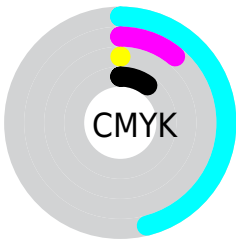
Distribution



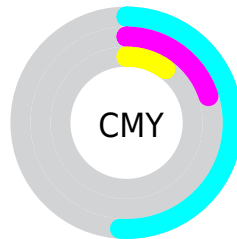
- Red (49%)
- Green (80%)
- Blue (90%)



- Red (49%)
- Yellow (66%)
- Blue (90%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (51%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8110, 52.6541, 81.9829 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 43.8110, 52.6541, 81.9829 by changing the saturation by 10% instead.

■ 43.8110, 52.6541,
81.9829

■ 43.8110, 52.6541,
81.9829

352.8017,
396.9566, 521.4724

■ 30.7192, 37.5267,
60.8157

■ 80.1814, 94.0952,
137.9865

■ 20.5359, 25.6156,
43.6469

■ 104.1907,
121.1777, 173.6600

■ 12.8957, 16.5363,
30.0578

■ 132.5699,
153.0140, 215.0060

■ 7.4333, 9.9044,
19.6301

165.6843,
189.9885, 262.4430

■ 3.7832, 5.3356,
11.9450

203.8994,
232.4856, 316.3896

■ 1.5803, 2.4455,
6.5842

247.5804,

■ 0.3795, 0.8492,

280.8898, 377.2644

3.1290

297.0927,
335.5853, 445.4858

■ 0.0000, 0.0000,
1.1609

■ 0.0000, 0.0000,
0.0000

■ 43.8110, 52.6541,
81.9829

■ 43.8110, 52.6541,
81.9829

■ 39.5636, 48.5139,
81.4086

■ 48.8791, 57.2924,
82.6120

■ 36.0774, 44.8369,
80.8826

■ 54.8122, 62.4489,
83.2946

■ 33.2927, 41.5927,
80.4032

■ 61.6572, 68.1498,
84.0342

■ 31.1377, 38.7436,
79.9668

■ 69.4561, 74.4173,
84.8329

■ 29.5243, 36.2432,
79.5692

■ 78.2482, 81.2725,
85.6927

■ 28.9525, 35.2761,
79.4127

■ 85.6744, 87.5000,
86.5033

■ 87.3425, 90.8361,
87.0593

■ 89.0629, 94.2769,
87.6328

■ 90.8362, 97.8235,
88.2239

Harmonies

Analogous

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



41.1846, 52.6541, 67.4022



43.8110, 52.6541, 81.9829



48.2297, 52.6541, 90.3905

Triad

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



43.8110, 52.6541, 81.9829



60.5476, 52.6541, 62.7608



46.7908, 52.6541, 34.3167

Complementary

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



43.8110, 52.6541, 81.9829



46.8587, 39.9272, 24.3074

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.



51.9077, 52.6541, 33.5112



43.8110, 52.6541, 81.9829



60.0956, 52.6541, 48.3172

Square

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



43.8110, 52.6541, 81.9829



58.0419, 52.6541, 78.0824



56.8465, 52.6541, 38.1948



42.8206, 52.6541, 40.6269

Rectangle

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



43.8110, 52.6541, 81.9829



51.7023, 52.6541, 90.5279



56.8465, 52.6541, 38.1948



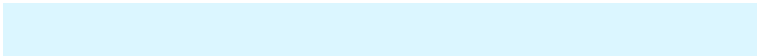
48.4257, 52.6541, 33.4404

Sweetspot

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



43.8127, 52.6561, 81.9841



80.3583, 88.3358, 107.4229



41.7179, 62.4789, 38.0875



16.7624, 18.5506, 22.9471



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.



43.8127, 52.6561, 81.9841



50.7523, 62.1777, 103.9343



33.6848, 32.4004, 78.6082



14.4894, 15.7001, 18.4111



16.6531, 20.3683, 45.4369



1.3026, 1.6491, 3.3816

Inverse Universe

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



50.3017, 35.3867, 60.6811



60.2967, 38.6463, 72.1813



56.8391, 59.8879, 27.6342



14.8346, 14.5510, 17.3294



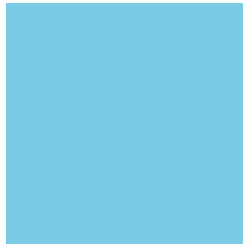
22.7992, 11.2539, 23.6354



1.7211, 0.8462, 1.9380

Previews

White Background



This preview shows how the XYZ color 43.8110, 52.6541, 81.9829 looks on a white background.

Color Contrast Check

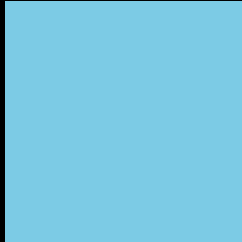
Large Text (above 18pt) WCAG AA × Fail

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 43.8110, 52.6541, 81.9829 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 43.8110, 52.6541, 81.9829

Background



This preview shows how black text looks on a background with the XYZ color 43.8110, 52.6541, 81.9829.



This preview shows how white text looks on a background with the XYZ color 43.8110, 52.6541,

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

43.8110, 52.6541, 81.9829

Protanopia

51.3656, 52.0016, 75.0402

Deuteranopia

53.3221, 52.1857, 83.6064



Tritanopia

42.6701, 52.5438, 76.2996

Trichromacy



Original Color

43.8110, 52.6541, 81.9829

Protanomaly

47.7153, 51.6978, 77.2758

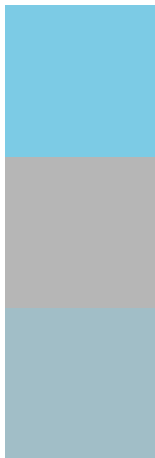
Deuteranomaly

49.0108, 51.9088, 83.0376

Tritanomaly

43.2158, 52.7785, 78.4306

Monochromacy



Original Color

43.8110, 52.6541, 81.9829

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.4202, 48.5275, 61.1111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8110, 52.6541, 81.9829 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(124, 203, 229)` looks like.

```
.text, #text, p{  
    color:rgb(124, 203, 229)  
}
```

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(124, 203, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 203, 229) }
```

Border

The CSS property to change the border of an element to XYZ 43.8110, 52.6541, 81.9829 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(124, 203, 229) }
```


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

```
.border{ border-color:rgb(124, 203, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 203, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 203, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 203, 229); box-shadow:4px 4px 4px 4px rgb(124, 203, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8110, 52.6541, 81.9829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 203, 229) }
```

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

```
.background{ background-color: rgb(124,  
203, 229) }
```

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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