

Converting Colors

XYZ(44.6209, 53.3909, 83.5550)

Have a look what the booklet for
XYZ(44.6209, 53.3909, 83.5550)
contains.

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Color

**XYZ(44.6209, 53.3909,
83.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	7ECCE7
RGB	126, 204, 231
RGB Percent	49%, 80%, 91%
CMY	0.5059, 0.2000, 0.0941
CMYK	0.45, 0.12, 0.00, 0.09
HSL	195°, 69%, 70%
HSV	195°, 45%, 91%
XYZ	44.6209, 53.3909, 83.5550
YIQ	183.7560, -55.1550, -8.1390

Conversions

Conversions Part 2

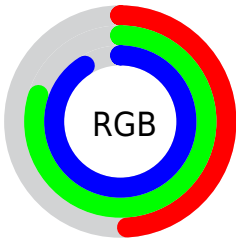
Format	Color
R _Y B	126, 171, 231
Decimal	8309991
CIE Lab	78.11, -17.03, -20.85
CIE LCh	78, 26.922, 230.772
Yxy	53.3909, 0.2458, 0.2941
Android (android.graphics.Color)	4286500071 (0xFF7ECCE7)
YUV	183.7560, 23.2913, -50.6520
Hunter-Lab	73.0691, -18.8668, -16.6502

Details

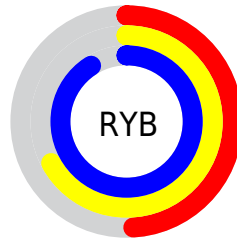
The XYZ color **44.6209, 53.3909, 83.5550** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **48.1133, 41.2790, 25.1722**, and the grayscale version is **45.3243, 47.6847, 51.9287**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **21.0281, 26.1368, 44.4940** is the 20% darker color. If you saturate the color by 10%, you get **40.2152, 49.0648, 82.9531**, and if you desaturate by 10%, it is **49.8702, 58.2342, 84.2141**.

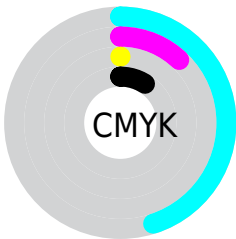
Distribution



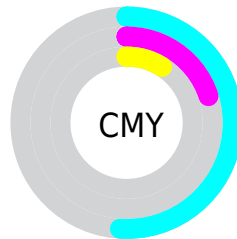
- Red (49%)
- Green (80%)
- Blue (91%)



- Red (49%)
- Yellow (67%)
- Blue (91%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6209, 53.3909, 83.5550 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 44.6209, 53.3909, 83.5550 by changing the saturation by 10% instead.

■ 44.6209, 53.3909,
83.5550

■ 44.6209, 53.3909,
83.5550

356.0456,
399.7830, 526.8537

■ 31.3589, 38.1149,
62.1048

■ 81.3918, 95.1793,
140.2087

■ 21.0255, 26.0719,
44.6811

■ 105.6315,
122.4606, 176.2493

■ 13.2552, 16.8774,
30.8652

■ 134.2611,
154.5123, 217.9905

■ 7.6827, 10.1471,
20.2386

167.6460,
191.7190, 265.8508

■ 3.9427, 5.4966,
12.3828

206.1515,
234.4651, 320.2487

■ 1.6698, 2.5415,
6.8793

250.1431,

■ 0.4372, 0.8973,

283.1348, 381.6028

3.3094

299.9860,
338.1127, 450.3316

■ 0.0000, 0.0000,
1.2547

■ 0.0000, 0.0000,
0.0242

■ 44.6209, 53.3909,
83.5550

■ 44.6209, 53.3909,
83.5550

■ 40.2152, 49.0648,
82.9531

■ 49.8702, 58.2342,
84.2141

■ 36.5926, 45.2203,
82.4020

■ 56.0082, 63.6153,
84.9293

■ 33.6922, 41.8262,
81.8998

■ 63.0829, 69.5609,
85.7040

■ 31.4413, 38.8442,
81.4428

■ 71.1370, 76.0938,
86.5405

■ 29.7505, 36.2273,
81.0268

■ 80.2106, 83.2357,
87.4408

■ 29.1012, 35.1239,
80.8481

■ 86.7188, 89.1392,
88.2373

■ 88.4927, 92.6870,
88.8286

■ 90.3243, 96.3503,
89.4391

■ 91.4240, 98.5496,
89.8057

Harmonies

Analogous

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



41.8731, 53.3909, 69.0125



44.6209, 53.3909, 83.5550



49.1433, 53.3909, 91.6308

Triad

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



44.6209, 53.3909, 83.5550



61.3877, 53.3909, 62.8986



47.2466, 53.3909, 35.0572

Complementary

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



44.6209, 53.3909, 83.5550



48.1133, 41.2790, 25.1722

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.



52.3840, 53.3909, 33.9928



44.6209, 53.3909, 83.5550



60.7924, 53.3909, 48.4626

Square

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



44.6209, 53.3909, 83.5550



58.9830, 53.3909, 78.4216



57.4084, 53.3909, 38.4749



43.3147, 53.3909, 41.6863

Rectangle

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



44.6209, 53.3909, 83.5550



52.6586, 53.3909, 91.4474



57.4084, 53.3909, 38.4749



48.8812, 53.3909, 34.0876

Sweetspot

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



44.6226, 53.3929, 83.5563



80.2549, 88.1290, 107.3884



42.8695, 63.8639, 39.8825



16.7371, 18.4999, 22.9387



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.



44.6226, 53.3929, 83.5563



50.4026, 61.4782, 103.8177



34.2984, 32.7446, 80.1149



14.4773, 15.6760, 18.4071



16.4193, 19.9007, 45.3590



1.2870, 1.6180, 3.3764

Inverse Universe

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



51.3164, 36.2719, 61.4254



60.1202, 38.5757, 71.2517



58.4937, 62.0398, 28.6323



14.8285, 14.5486, 17.2974



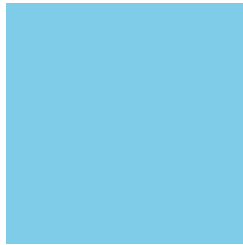
22.6812, 11.2067, 23.0141



1.7133, 0.8430, 1.8965

Previews

White Background



This preview shows how the XYZ color 44.6209, 53.3909, 83.5550 looks on a white background.

Color Contrast Check

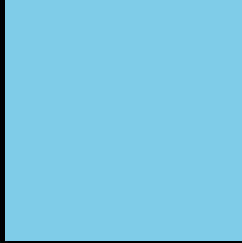
Large Text (above 18pt) WCAG AA × Fail

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 44.6209, 53.3909, 83.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

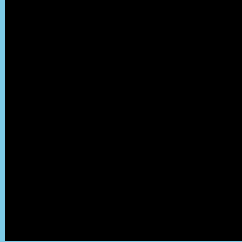
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6209, 53.3909, 83.5550

Background



This preview shows how black text looks on a background with the XYZ color 44.6209, 53.3909, 83.5550.



This preview shows how white text looks on a background with the XYZ color 44.6209, 53.3909,

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

44.6209, 53.3909, 83.5550

Protanopia

52.3091, 53.1003, 76.5996

Deuteranopia

54.0697, 52.8541, 85.1940



Tritanopia

43.1845, 53.1475, 77.0897

Trichromacy



Original Color

44.6209, 53.3909, 83.5550

Protanomaly

48.8476, 52.9154, 78.8733

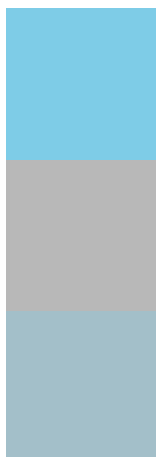
Deuteranomaly

49.9361, 52.6823, 84.6276

Tritanomaly

43.7341, 53.3840, 79.2333

Monochromacy



Original Color

44.6209, 53.3909, 83.5550

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.2777, 49.2652, 62.4338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6209, 53.3909, 83.5550 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, 204, 231)` looks like.

```
.text, #text, p{  
    color:rgb(126, 204, 231)  
}
```

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, 204, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 204, 231) }
```

Border

The CSS property to change the border of an element to XYZ 44.6209, 53.3909, 83.5550 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, 204, 231) }
```


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

```
.border{ border-color:rgb(126, 204, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 204, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 204, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 204, 231);  
box-shadow:4px 4px 4px 4px rgb(126, 204,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6209, 53.3909, 83.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 204, 231) }
```

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

```
.background{ background-color: rgb(126,  
204, 231) }
```

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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