

Converting Colors

XYZ(44.4113, 55.1400, 80.9754)

Have a look what the booklet for
XYZ(44.4113, 55.1400, 80.9754)
contains.

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Color

**XYZ(44.4113, 55.1400,
80.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	78D1E3
RGB	120, 209, 227
RGB Percent	47%, 82%, 89%
CMY	0.5294, 0.1804, 0.1098
CMYK	0.47, 0.08, 0.00, 0.11
HSL	190°, 66%, 68%
HSV	190°, 47%, 89%
XYZ	44.4113, 55.1400, 80.9754
YIQ	184.4410, -58.8220, -13.2700

Conversions

Conversions Part 2

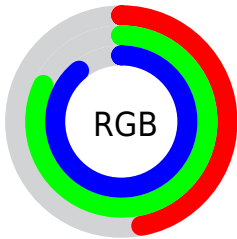
Format	Color
R _Y B	120, 169, 227
Decimal	7918051
CIE Lab	79.12, -22.02, -17.20
CIE LCh	79, 27.938, 217.994
Yxy	55.1400, 0.2460, 0.3054
Android (android.graphics.Color)	4286108131 (0xFF78D1E3)
YUV	184.4410, 20.9816, -56.5148
Hunter-Lab	74.2563, -23.1911, -12.6754

Details

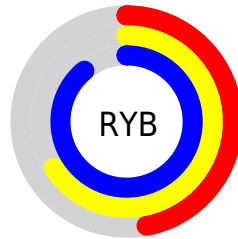
The XYZ color **44.4113, 55.1400, 80.9754** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **44.1583, 35.8651, 22.3661**, and the grayscale version is **45.7161, 48.0969, 52.3775**.

A 20% lighter version of the original color is **72.1701, 88.2050, 107.8292**, and **20.8655, 27.0504, 43.1513** is the 20% darker color. If you saturate the color by 10%, you get **40.7032, 51.8555, 80.5378**, and if you desaturate by 10%, it is **48.8914, 58.8584, 81.4580**.

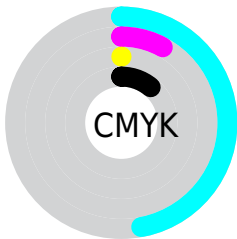
Distribution



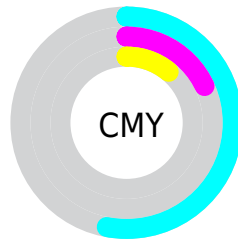
- Red (47%)
- Green (82%)
- Blue (89%)



- Red (47%)
- Yellow (66%)
- Blue (89%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4113, 55.1400, 80.9754 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 44.4113, 55.1400, 80.9754 by changing the saturation by 10% instead.

■ 44.4113, 55.1400,
80.9754

■ 44.4113, 55.1400,
80.9754

355.2080,
406.4424, 518.0071

■ 31.1933, 39.5138,
59.9905

■ 81.0788, 97.7460,
136.5600

■ 20.8986, 27.1597,
42.9857

■ 105.2590,
125.4947, 171.9967

■ 13.1620, 17.6932,
29.5426

■ 133.8240,
158.0530, 213.0878

■ 7.6179, 10.7299,
19.2426

167.1391,
195.8053, 260.2517

■ 3.9012, 5.8855,
11.6671

205.5697,
239.1360, 313.9071

■ 1.6464, 2.7756,
6.3976

249.4812,

■ 0.4224, 1.0157,

288.4294, 374.4724

3.0157

299.2388,
344.0701, 442.3663

■ 0.0000, 0.0000,
1.1026

■ 0.0000, 0.0000,
0.0000

■ 44.4113, 55.1400,
80.9754

■ 44.4113, 55.1400,
80.9754

■ 40.7032, 51.8555,
80.5378

■ 48.8914, 58.8584,
81.4580

■ 37.7083, 48.9705,
80.1388


■ 54.1870, 63.0294,
81.9840


■ 35.3675, 46.4555,
79.7768


■ 60.3440, 67.6783,
82.5568

■ 33.6095, 44.2737,
79.4483


■ 67.4037, 72.8266,
83.1784


 32.3410, 42.3766,
79.1490


 75.4045, 78.4943,
83.8507

 32.0236, 41.8627,
79.0665

 83.9377, 84.4709,
84.5545

 85.0237, 86.6430,
84.9166

 86.1333, 88.8621,
85.2864

 87.2665, 91.1285,
85.6641

Harmonies

Analogous

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



42.4995, 55.1400, 64.4071



44.4113, 55.1400, 80.9754



48.4963, 55.1400, 93.2144

Triad

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



44.4113, 55.1400, 80.9754



62.9825, 55.1400, 72.2841



50.9330, 55.1400, 34.4914

Complementary

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



44.4113, 55.1400, 80.9754



44.1583, 35.8651, 22.3661

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.



56.5265, 55.1400, 35.8475



44.4113, 55.1400, 80.9754



63.7501, 55.1400, 55.8712

Square

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



44.4113, 55.1400, 80.9754



59.2844, 55.1400, 87.6092



61.3133, 55.1400, 43.0620



46.0867, 55.1400, 38.9591

Rectangle

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



44.4113, 55.1400, 80.9754



52.0349, 55.1400, 96.2180



61.3133, 55.1400, 43.0620



52.7848, 55.1400, 34.2987

Sweetspot

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



44.4130, 55.1421, 80.9767



81.2279, 90.0748, 107.7128



39.7916, 60.7626, 33.6143



16.9759, 18.9776, 23.0183



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.



44.4130, 55.1421, 80.9767



52.8872, 67.4131, 104.8323



33.4449, 33.2060, 77.3207



14.5903, 15.9020, 18.4447



18.7506, 24.5634, 46.1361



1.4405, 1.9250, 3.4276

Inverse Universe

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



49.9051, 34.3688, 64.3273



61.1386, 38.0806, 79.3968



53.7736, 55.0956, 25.5712



14.8855, 14.5714, 17.5976



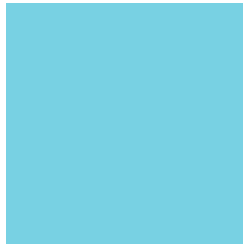
23.8580, 11.6774, 29.2107



1.7907, 0.8740, 2.3045

Previews

White Background



This preview shows how the XYZ color 44.4113, 55.1400, 80.9754 looks on a white background.

Color Contrast Check

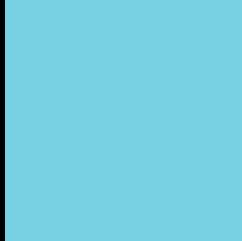
Large Text (above 18pt) WCAG AA × Fail

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 44.4113, 55.1400, 80.9754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

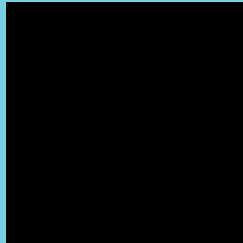
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4113, 55.1400, 80.9754

Background



This preview shows how black text looks on a background with the XYZ color 44.4113, 55.1400, 80.9754.



This preview shows how white text looks on a background with the XYZ color 44.4113, 55.1400,

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

44.4113, 55.1400, 80.9754

Protanopia

53.3326, 54.3562, 73.3265

Deuteranopia

55.6022, 54.3322, 83.1579



Tritanopia

44.2737, 55.0850, 80.2505

Trichromacy



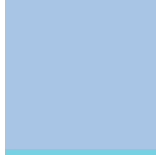
Original Color

44.4113, 55.1400, 80.9754



Protanomaly

49.2005, 54.1743, 76.2702



Deuteranomaly

50.3976, 53.9705, 82.6240



Tritanomaly

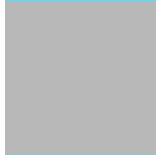
44.2737, 55.0850, 80.2505

Monochromacy



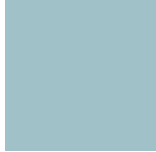
Original Color

44.4113, 55.1400, 80.9754



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

44.1932, 49.8871, 61.9435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4113, 55.1400, 80.9754 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(120, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(120, 209, 227)  
}
```

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(120, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 209, 227) }
```

Border

The CSS property to change the border of an element to XYZ 44.4113, 55.1400, 80.9754 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(120, 209, 227) }
```


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

```
.border{ border-color:rgb(120, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 209, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 209, 227); box-shadow:4px 4px 4px 4px rgb(120, 209, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4113, 55.1400, 80.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 209, 227) }
```

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

```
.background{ background-color: rgb(120,  
209, 227) }
```

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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