

Converting Colors

XYZ(55.3016, 67.2363, 84.3227)

Have a look what the booklet for
XYZ(55.3016, 67.2363, 84.3227)
contains.

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Color

**XYZ(55.2438, 67.2180,
84.1914)**

Conversions

Conversions Part 1

Format	Color
Hex	9DE2E5
RGB	157, 226, 229
RGB Percent	62%, 89%, 90%
CMY	0.3843, 0.1137, 0.1020
CMYK	0.31, 0.01, 0.00, 0.10
HSL	182°, 58%, 76%
HSV	182°, 31%, 90%
XYZ	55.2438, 67.2180, 84.1914
YIQ	205.7110, -42.0870, -13.6950

Conversions

Conversions Part 2

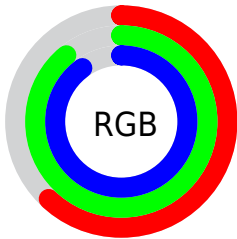
Format	Color
RYB	157, 192, 229
Decimal	10347237
CIELab	85.61, -20.72, -8.37
CIELCh	86, 22.348, 202.003
Yxy	67.2180, 0.2673, 0.3253
Android (android.graphics.Color)	4288537317 (0xFF9DE2E5)
YUV	205.7110, 11.4815, -42.7195
Hunter-Lab	81.9866, -23.2005, -3.4938

Details

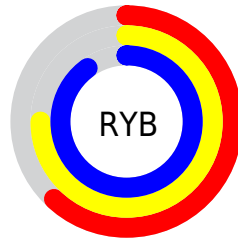
The XYZ color **55.2438, 67.2180, 84.1914** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.9704, 44.2343, 37.7512**, and the grayscale version is **58.4313, 61.4743, 66.9455**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **27.6824, 35.0066, 45.3423** is the 20% darker color. If you saturate the color by 10%, you get **50.9300, 64.6120, 83.9169**, and if you desaturate by 10%, it is **60.4004, 70.2639, 84.5087**.

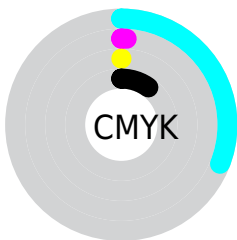
Distribution



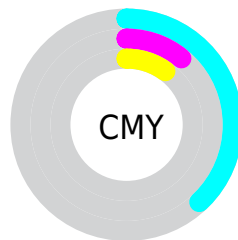
- Red (62%)
- Green (89%)
- Blue (90%)



- Red (62%)
- Yellow (75%)
- Blue (90%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (38%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2438, 67.2180, 84.1914 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 55.2438, 67.2180, 84.1914 by changing the saturation by 10% instead.

■ 55.2438, 67.2180,
84.1914

■ 55.2438, 67.2180,
84.1914

396.9568,
450.7203, 529.0233

■ 39.8316, 49.2618,
62.6272

■ 97.0443, 115.2327,
141.1070

■ 27.5909, 34.8272,
45.1006

■ 124.1633,
146.0601, 177.2954

■ 18.1564, 23.5298,
31.1931

155.9152,
181.9465, 219.1957

■ 11.1627, 14.9852,
20.4863

192.6655,
223.2766, 267.2263

■ 6.2445, 8.8090,
12.5614

234.7794,
270.4346, 321.8059

■ 3.0364, 4.6168,
7.0001

282.6224,

■ 1.1730, 2.0242,

323.8050, 383.3528

3.3837

336.5597,
383.7721, 452.2858

■ 0.0849, 0.6215,
1.2937

■ 0.0000, 0.0000,
0.0567

■ 55.2438, 67.2180,
84.1914

■ 55.2438, 67.2180,
84.1914

■ 50.9300, 64.6120,
83.9169

■ 60.4004, 70.2639,
84.5087

■ 47.4061, 62.4138,
83.6783

■ 66.4370, 73.7639,
84.8661

■ 44.6226, 60.5993,
83.4748

■ 73.3959, 77.7415,
85.2671

■ 42.5219, 59.1390,
83.3037

■ 81.3148, 82.2162,
85.7134

■ 41.0379, 57.9988,
83.1618

■ 83.8948, 83.9408,
85.9103

■ 40.0915, 57.1378,
83.0455

■ 84.1620, 84.4752,
85.9993

■ 39.5970, 56.5652,
82.9610

■ 84.4307, 85.0125,
86.0889

■ 84.7008, 85.5527,
86.1789

■ 84.9724, 86.0959,
86.2695

Harmonies

Analogous

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



54.6855, 67.2180, 69.3612



55.2438, 67.2180, 84.1914



58.0554, 67.2180, 97.5528

Triad

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



55.2438, 67.2180, 84.1914



71.9092, 67.2180, 91.8203



65.2589, 67.2180, 48.8099

Complementary

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



55.2438, 67.2180, 84.1914



50.9704, 44.2343, 37.7512

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.



70.1002, 67.2180, 53.2623



55.2438, 67.2180, 84.1914



74.0705, 67.2180, 77.1550

Square

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



55.2438, 67.2180, 84.1914



67.6230, 67.2180, 102.3485



73.3914, 67.2180, 63.1895



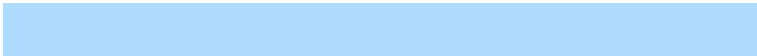
60.2944, 67.2180, 50.1716

Rectangle

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



55.2438, 67.2180, 84.1914



60.9146, 67.2180, 103.1881



73.3914, 67.2180, 63.1895



66.9581, 67.2180, 49.6528

Sweetspot

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



55.2458, 67.2207, 84.1929



86.8009, 95.2961, 108.4268



48.2179, 65.7250, 43.1293



18.3133, 20.2448, 23.1924



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.



55.2458, 67.2207, 84.1929



66.6569, 83.4725, 107.2064



46.5924, 49.9139, 81.3085



14.7533, 16.2281, 18.4991



22.6622, 32.3865, 47.4400



1.6907, 2.4254, 3.5110

Inverse Universe

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



58.0991, 46.2644, 77.8224



70.8912, 52.7108, 97.6767



58.0049, 58.3033, 40.0961



14.9678, 14.6043, 18.0310



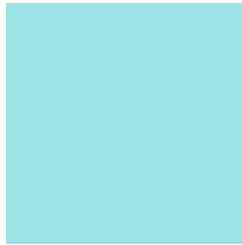
25.8324, 12.4672, 39.6077



1.9170, 0.9245, 2.9695

Previews

White Background



This preview shows how the XYZ color 55.2438, 67.2180, 84.1914 looks on a white background.

Color Contrast Check

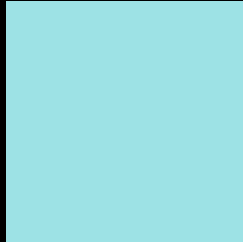
Large Text (above 18pt) WCAG AA × Fail

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 55.2438, 67.2180, 84.1914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

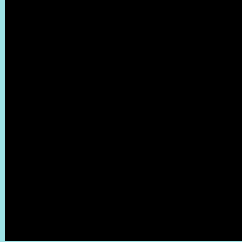
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2438, 67.2180, 84.1914

Background



This preview shows how black text looks on a background with the XYZ color 55.2438, 67.2180, 84.1914.

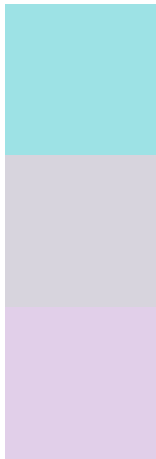


This preview shows how white text looks on a background with the XYZ color 55.2438, 67.2180,

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

55.2438, 67.2180, 84.1914

Protanopia

64.6190, 66.7545, 77.8857

Deuteranopia

68.0721, 66.5164, 86.3420



Tritanopia

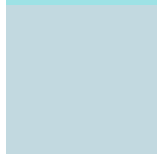
57.1799, 67.1957, 93.9608

Trichromacy



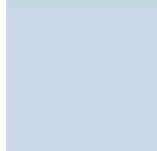
Original Color

55.2438, 67.2180, 84.1914



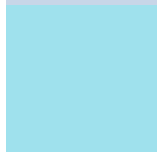
Protanomaly

60.5155, 66.4769, 80.1628



Deuteranomaly

62.4315, 66.1987, 85.8311



Tritanomaly

56.5094, 67.3358, 90.1395

Monochromacy



Original Color

55.2438, 67.2180, 84.1914



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.6709, 63.1349, 72.8177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2438, 67.2180, 84.1914 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(157, 226, 229)` looks like.

```
.text, #text, p{  
    color:rgb(157, 226, 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(157, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 226, 229) }
```

Border

The CSS property to change the border of an element to XYZ 55.2438, 67.2180, 84.1914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

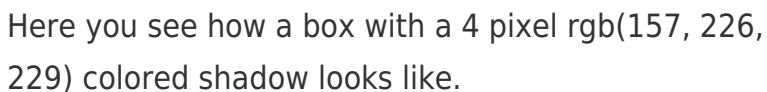
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 226, 229) }
```


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

```
.border{ border-color:rgb(157, 226, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 226, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 226, 229); box-shadow:4px 4px 4px 4px rgb(157, 226, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2438, 67.2180, 84.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 226, 229) }
```

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

```
.background{ background-color: rgb(157,  
226, 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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