

Converting Colors

XYZ(55.6260, 63.4299, 86.4022)

Have a look what the booklet for
XYZ(55.6260, 63.4299, 86.4022)
contains.

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Color

**XYZ(55.6260, 63.4299,
86.4022)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D8E9
RGB	169, 216, 233
RGB Percent	66%, 85%, 91%
CMY	0.3372, 0.1529, 0.0863
CMYK	0.27, 0.07, 0.00, 0.09
HSL	196°, 59%, 79%
HSV	196°, 27%, 91%
XYZ	55.6260, 63.4299, 86.4022
YIQ	203.8850, -33.4690, -4.6770

Conversions

Conversions Part 2

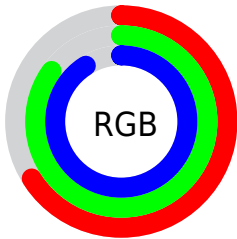
Format	Color
RYB	169, 196, 233
Decimal	11131113
CIELab	83.67, -11.37, -13.32
CIElCh	84, 17.515, 229.511
Yxy	63.4299, 0.2707, 0.3087
Android (android.graphics.Color)	4289321193 (0xFFA9D8E9)
YUV	203.8850, 14.3537, -30.5941
Hunter-Lab	79.6429, -14.7030, -8.5719

Details

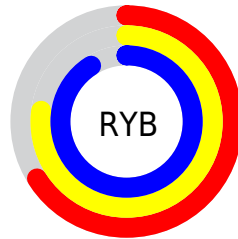
The XYZ color **55.6260, 63.4299, 86.4022** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3254, 55.3065, 45.1387**, and the grayscale version is **57.2508, 60.2323, 65.5929**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **27.7509, 32.3089, 46.3686** is the 20% darker color. If you saturate the color by 10%, you get **49.5106, 57.9694, 85.6716**, and if you desaturate by 10%, it is **62.6956, 69.4741, 87.1973**.

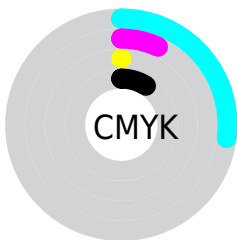
Distribution



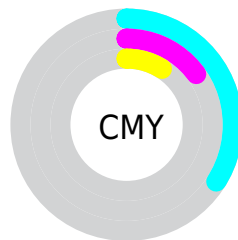
- Red (66%)
- Green (85%)
- Blue (91%)



- Red (66%)
- Yellow (77%)
- Blue (91%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (34%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6260, 63.4299, 86.4022 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 55.6260, 63.4299, 86.4022 by changing the saturation by 10% instead.

■ 55.6260, 63.4299,
86.4022

■ 55.6260, 63.4299,
86.4022

398.3784,
437.1280, 536.5216

■ 40.1390, 46.1891,
64.4438

■ 97.6005, 109.7895,
144.2221

■ 27.8316, 32.3951,
46.5617

124.8187,
139.6771, 180.9207

■ 18.3386, 21.6634,
32.3375

156.6780,
174.5490, 223.3698

■ 11.2945, 13.6098,
21.3524

193.5438,
214.7897, 271.9880

■ 6.3340, 7.8498,
13.1881

235.7813,
260.7835, 327.1937

■ 3.0918, 3.9990,
7.4260

283.7561,

■ 1.2025, 1.6730,

312.9149, 389.4055

3.6474

337.8333,
371.5683, 459.0419

■ 0.1083, 0.4061,
1.4340

■ 0.0000, 0.0000,
0.1680

■ 55.6260, 63.4299,
86.4022

■ 55.6260, 63.4299,
86.4022

■ 49.5106, 57.9694,
85.6716

■ 62.6956, 69.4741,
87.1973

■ 44.2958, 53.0592,
84.9987

■ 70.7582, 76.1183,
88.0548

■ 39.9311, 48.6740,
84.3823

■ 79.8572, 83.3873,
88.9783

■ 36.3586, 44.7829,
83.8195

■ 87.3317, 89.9102,
89.8434

■ 33.5124, 41.3509,
83.3071

■ 89.1923, 93.6315,
90.4636

■ 31.3156, 38.3373,
82.8412

■ 91.1157, 97.4783,
91.1048

■ 29.6655, 35.6883,
82.4169

■ 91.7082, 98.6633,
91.3022

■ 29.2935, 35.0540,
82.3140

Harmonies

Analogous

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



53.6015, 63.4299, 76.3602



55.6260, 63.4299, 86.4022



58.9557, 63.4299, 91.9800

Triad

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



55.6260, 63.4299, 86.4022



67.8333, 63.4299, 72.9808



57.8589, 63.4299, 51.0102

Complementary

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



55.6260, 63.4299, 86.4022



58.3254, 55.3065, 45.1387

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.



61.6406, 63.4299, 50.3109



55.6260, 63.4299, 86.4022



67.5091, 63.4299, 62.2488

Square

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



55.6260, 63.4299, 86.4022



66.0718, 63.4299, 83.7039



65.2039, 63.4299, 54.2165



54.8524, 63.4299, 56.2398

Rectangle

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



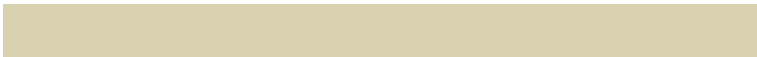
55.6260, 63.4299, 86.4022



61.5148, 63.4299, 92.0558



65.2039, 63.4299, 54.2165



59.0780, 63.4299, 50.2602

Sweetspot

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



55.6279, 63.4324, 86.4037



86.2349, 92.9259, 107.9992



54.2594, 70.2169, 56.5938



18.1228, 19.6171, 23.0813



0.0000, 0.0000, 0.0000



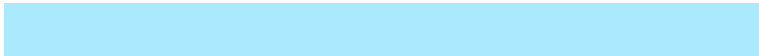
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6279, 63.4324, 86.4037



63.8520, 73.9413, 105.5145



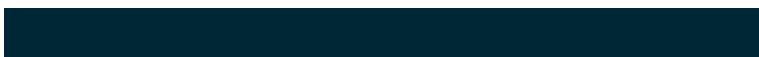
48.4205, 49.0176, 84.0012



15.1596, 16.4056, 19.2899



16.7284, 20.1037, 46.7417



1.3917, 1.7348, 3.6964

Inverse Universe

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



60.1884, 50.6590, 71.5744



70.4327, 56.1924, 83.9634



65.5798, 69.8152, 47.5568



15.5341, 15.2415, 18.0979



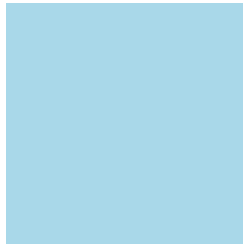
23.2990, 11.5223, 23.1737



1.8689, 0.9205, 2.0272

Previews

White Background



This preview shows how the XYZ color 55.6260, 63.4299, 86.4022 looks on a white background.

Color Contrast Check

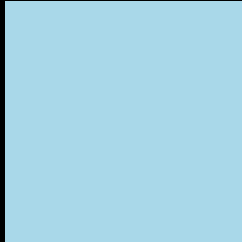
Large Text (above 18pt) WCAG AA × Fail

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 55.6260, 63.4299, 86.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

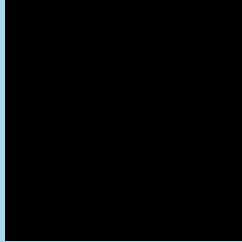
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6260, 63.4299, 86.4022

Background



This preview shows how black text looks on a background with the XYZ color 55.6260, 63.4299, 86.4022.



This preview shows how white text looks on a background with the XYZ color 55.6260, 63.4299,

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

55.6260, 63.4299, 86.4022

Protanopia

61.6316, 63.2935, 81.6416

Deuteranopia

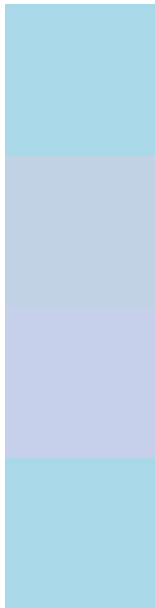
64.5206, 63.2151, 88.1580



Tritanopia

55.6260, 63.4299, 86.4022

Trichromacy



Original Color

55.6260, 63.4299, 86.4022

Protanomaly

59.1818, 63.0878, 83.1867

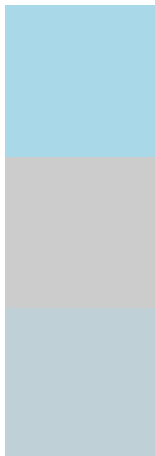
Deuteranomaly

60.8400, 63.1157, 87.5732

Tritanomaly

55.6260, 63.4299, 86.4022

Monochromacy



Original Color

55.6260, 63.4299, 86.4022

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.3075, 61.0944, 73.1147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6260, 63.4299, 86.4022 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(169, 216, 233)` looks like.

```
.text, #text, p{  
    color:rgb(169, 216, 233)  
}
```

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(169, 216, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 216, 233) }
```

Border

The CSS property to change the border of an element to XYZ 55.6260, 63.4299, 86.4022 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(169, 216, 233) }
```


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

```
.border{ border-color:rgb(169, 216, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 216, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 216, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 216, 233);  
box-shadow:4px 4px 4px 4px rgb(169, 216,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6260, 63.4299, 86.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 216, 233) }
```

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

```
.background{ background-color: rgb(169,  
216, 233) }
```

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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