

Converting Colors

XYZ(55.6126, 67.4195, 90.9722)

Have a look what the booklet for
XYZ(55.6126, 67.4195, 90.9722)
contains.

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Color

**XYZ(55.5779, 67.2412,
90.9385)**

Conversions

Conversions Part 1

Format	Color
Hex	98E2EE
RGB	152, 226, 238
RGB Percent	60%, 89%, 93%
CMY	0.4039, 0.1137, 0.0667
CMYK	0.36, 0.05, 0.00, 0.07
HSL	188°, 72%, 76%
HSV	188°, 36%, 93%
XYZ	55.5779, 67.2412, 90.9385
YIQ	205.2420, -47.9560, -11.9560

Conversions

Conversions Part 2

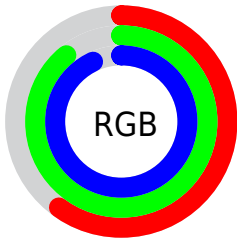
Format	Color
RYB	152, 192, 238
Decimal	10019566
CIELab	85.63, -19.93, -13.13
CIELCh	86, 23.867, 213.377
Yxy	67.2412, 0.2600, 0.3146
Android (android.graphics.Color)	4288209646 (0xFF98E2EE)
YUV	205.2420, 16.1497, -46.6932
Hunter-Lab	82.0007, -22.5188, -8.3519

Details

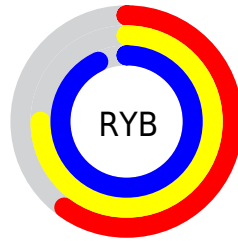
The XYZ color **55.5779, 67.2412, 90.9385** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2039, 46.9959, 35.9217**, and the grayscale version is **58.1063, 61.1324, 66.5732**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **27.8303, 34.9900, 49.5429** is the 20% darker color. If you saturate the color by 10%, you get **50.6689, 63.3847, 90.4540**, and if you desaturate by 10%, it is **61.4022, 71.5987, 91.4738**.

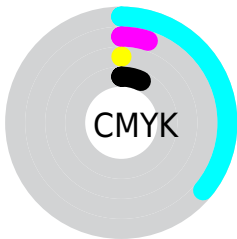
Distribution



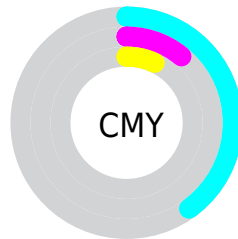
- Red (60%)
- Green (89%)
- Blue (93%)



- Red (60%)
- Yellow (75%)
- Blue (93%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5779, 67.2412, 90.9385 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 55.5779, 67.2412, 90.9385 by changing the saturation by 10% instead.

■ 55.5779, 67.2412,
90.9385

■ 55.5779, 67.2412,
90.9385

398.1997,
450.8028, 551.7277

■ 40.1003, 49.2807,
68.1812

■ 97.5305, 115.2660,
150.5882

■ 27.8013, 34.8422,
49.5776

■ 124.7363,
146.0990, 188.3177

■ 18.3156, 23.5413,
34.7090

156.5821,
181.9916, 231.8750

■ 11.2779, 14.9937,
23.1571

193.4333,
223.3283, 281.6787

■ 6.3227, 8.8150,
14.5031

235.6553,
270.4933, 338.1473

■ 3.0848, 4.6207,
8.3287

283.6135,

■ 1.1988, 2.0265,

323.8712, 401.6993

4.2152

337.6732,
383.8462, 472.7532

■ 0.1054, 0.6228,
1.7441

■ 0.0000, 0.0000,
0.3907

■ 55.5779, 67.2412,
90.9385

■ 55.5779, 67.2412,
90.9385

■ 50.6689, 63.3847,
90.4540

■ 61.4022, 71.5987,
91.4738

■ 46.6152, 59.9933,
90.0131

■ 68.1851, 76.4749,
92.0575

■ 43.3592, 57.0388,
89.6144

■ 75.9744, 81.8962,
92.6933

■ 40.8336, 54.4864,
89.2548

■ 84.8129, 87.8847,
93.3834

■ 38.9595, 52.2952,
88.9307

■ 88.6056, 91.2986,
93.8424

■ 37.6391, 50.4147,
88.6373

■ 89.6061, 93.2997,
94.1760

■ 37.2159, 49.7393,
88.5292

■ 90.6247, 95.3369,
94.5155

■ 91.6615, 97.4104,
94.8611

■ 92.4328, 98.9531,
95.1182

Harmonies

Analogous

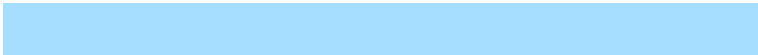
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.0390, 67.2412, 74.9911



55.5779, 67.2412, 90.9385



59.3428, 67.2412, 103.3503

Triad

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



55.5779, 67.2412, 90.9385



73.7123, 67.2412, 87.4562



63.2973, 67.2412, 47.2245

Complementary

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



55.5779, 67.2412, 90.9385



54.2039, 46.9959, 35.9217

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.



68.7073, 67.2412, 49.5923



55.5779, 67.2412, 90.9385



74.9169, 67.2412, 71.4657

Square

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



55.5779, 67.2412, 90.9385



69.8321, 67.2412, 101.1481



73.0374, 67.2412, 57.9570



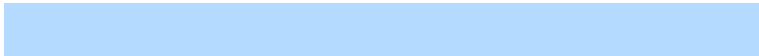
58.3340, 67.2412, 50.9642

Rectangle

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



55.5779, 67.2412, 90.9385



62.7135, 67.2412, 107.1361



73.0374, 67.2412, 57.9570



65.1231, 67.2412, 47.3349

Sweetspot

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



55.5799, 67.2438, 90.9401



84.2371, 92.5914, 108.0399



50.1777, 70.4870, 45.8323



17.7669, 19.6348, 23.1034



0.0000, 0.0000, 0.0000



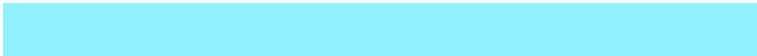
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5799, 67.2438, 90.9401



60.8615, 75.4170, 105.9569



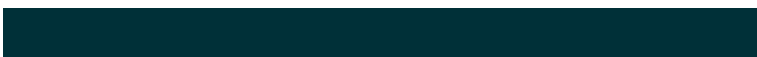
45.4268, 46.9376, 87.5557



16.0484, 17.5309, 20.2596



20.8344, 27.8930, 49.4137



1.7844, 2.4229, 4.1278

Inverse Universe

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



60.2173, 46.1263, 77.6839



67.1030, 47.8916, 87.9141



63.1126, 64.8133, 38.8913



16.3539, 15.9913, 19.4197



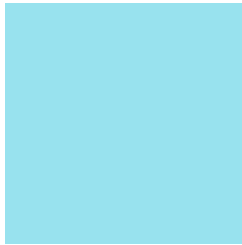
25.8418, 12.6092, 33.4133



2.1756, 1.0593, 2.9158

Previews

White Background



This preview shows how the XYZ color 55.5779, 67.2412, 90.9385 looks on a white background.

Color Contrast Check

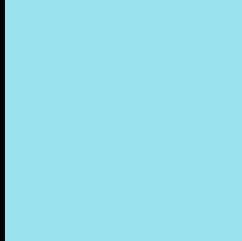
Large Text (above 18pt) WCAG AA × Fail

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 55.5779, 67.2412, 90.9385 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 55.5779, 67.2412, 90.9385

Background



This preview shows how black text looks on a background with the XYZ color 55.5779, 67.2412, 90.9385.

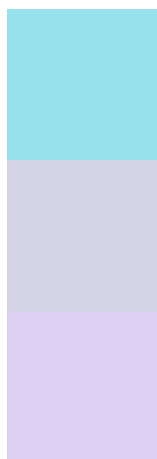


This preview shows how white text looks on a background with the XYZ color 55.5779, 67.2412,

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

55.5779, 67.2412, 90.9385

Protanopia

64.8377, 66.7412, 83.5938

Deuteranopia

68.0981, 66.7382, 93.2970



Tritanopia

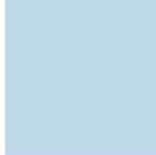
56.2397, 67.0938, 94.7803

Trichromacy



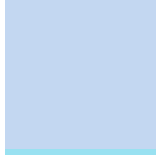
Original Color

55.5779, 67.2412, 90.9385



Protanomaly

60.6135, 66.3991, 85.9656



Deuteranomaly

62.6833, 66.5539, 92.7615



Tritanomaly

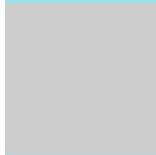
55.9393, 66.9736, 93.1980

Monochromacy



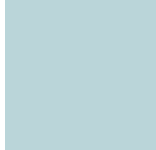
Original Color

55.5779, 67.2412, 90.9385



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

56.5683, 63.0374, 74.8316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5779, 67.2412, 90.9385 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(152, 226, 238)` looks like.

```
.text, #text, p{  
    color:rgb(152, 226, 238)  
}
```

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(152, 226, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 226, 238) }
```

Border

The CSS property to change the border of an element to XYZ 55.5779, 67.2412, 90.9385 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(152, 226, 238) }
```


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

```
.border{ border-color:rgb(152, 226, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 226, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(152, 226,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5779, 67.2412, 90.9385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 226, 238) }
```

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

```
.background{ background-color: rgb(152,  
226, 238) }
```

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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