

Converting Colors

XYZ(55.7126, 62.4256, 91.3176)

Have a look what the booklet for
XYZ(55.7126, 62.4256, 91.3176)
contains.

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Color

**XYZ(55.9232, 62.7092,
91.5947)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D6F0
RGB	168, 214, 240
RGB Percent	66%, 84%, 94%
CMY	0.3412, 0.1608, 0.0588
CMYK	0.30, 0.11, 0.00, 0.06
HSL	202°, 71%, 80%
HSV	202°, 30%, 94%
XYZ	55.9232, 62.7092, 91.5947
YIQ	203.2100, -35.7620, -1.6660

Conversions

Conversions Part 2

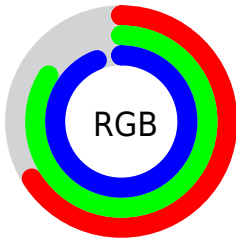
Format	Color
R _Y B	168, 196, 240
Decimal	11065072
CIE Lab	83.29, -9.00, -17.61
CIE LCh	83, 19.775, 242.942
Yxy	62.7092, 0.2660, 0.2983
Android (android.graphics.Color)	4289255152 (0xFFA8D6F0)
YUV	203.2100, 18.1375, -30.8792
Hunter-Lab	79.1891, -12.5247, -13.1458

Details

The XYZ color **55.9232, 62.7092, 91.5947** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.2958, 59.9367, 45.3331**, and the grayscale version is **56.8039, 59.7621, 65.0810**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **27.9893, 31.8344, 50.0169** is the 20% darker color. If you saturate the color by 10%, you get **49.1428, 56.0454, 90.6669**, and if you desaturate by 10%, it is **63.7671, 70.0975, 92.6084**.

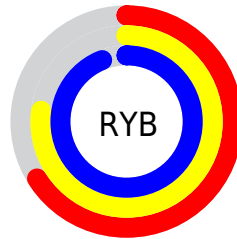
Distribution



Red (66%)

Green (84%)

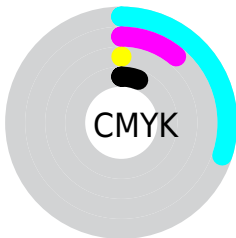
Blue (94%)



Red (66%)

Yellow (77%)

Blue (94%)

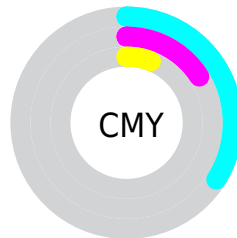


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (34%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9232, 62.7092, 91.5947 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 55.9232, 62.7092, 91.5947 by changing the saturation by 10% instead.

■ 55.9232, 62.7092,
91.5947

■ 55.9232, 62.7092,
91.5947

399.4817,
434.5133, 553.9082

■ 40.3781, 45.6060,
68.7229

■ 98.0327, 108.7499,
151.5063

■ 28.0190, 31.9350,
50.0157

125.3279,
138.4561, 189.3833

■ 18.4805, 21.3119,
35.0546

157.2705,
173.1322, 233.0990

■ 11.3973, 13.3522,
23.4211

194.2258,
213.1624, 283.0720

■ 6.4040, 7.6715,
14.6965

236.5592,
258.9313, 339.7209

■ 3.1352, 3.8855,
8.4624

284.6361,

■ 1.2257, 1.6097,

310.8231, 403.4642

4.3002

338.8218,
369.2223, 474.7205

■ 0.1265, 0.3641,
1.7915

■ 0.0000, 0.0000,
0.4223

■ 55.9232, 62.7092,
91.5947

■ 55.9232, 62.7092,
91.5947

■ 49.1428, 56.0454,
90.6669

■ 63.7671, 70.0975,
92.6084

■ 43.3663, 50.0682,
89.8176

■ 72.7185, 78.2310,
93.7066

■ 38.5370, 44.7472,
89.0451

■ 82.8256, 87.1388,
94.8932

■ 34.5893, 40.0456,
88.3457

■ 90.7416, 95.0979,
96.0123

■ 31.4487, 35.9224,
87.7153

■ 92.7284, 99.0714,
96.6745

■ 29.0267, 32.3288,
87.1494

■ 27.1756, 29.1857,
86.6402

■ 27.1754, 29.1854,
86.6402

Harmonies

Analogous

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



52.9347, 62.7092, 81.9725



55.9232, 62.7092, 91.5947



60.0283, 62.7092, 94.7424

Triad

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



55.9232, 62.7092, 91.5947



68.2413, 62.7092, 67.0723



55.2222, 62.7092, 50.2844

Complementary

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



55.9232, 62.7092, 91.5947



62.2958, 59.9367, 45.3331

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.



59.1801, 62.7092, 47.2695



55.9232, 62.7092, 91.5947



66.8095, 62.7092, 56.2034

Square

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



55.9232, 62.7092, 91.5947



67.2682, 62.7092, 79.6191



63.4412, 62.7092, 49.3004



52.5438, 62.7092, 58.0714

Rectangle

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



55.9232, 62.7092, 91.5947



62.8823, 62.7092, 92.4710



63.4412, 62.7092, 49.3004



56.4402, 62.7092, 48.7246

Sweetspot

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



55.9251, 62.7117, 91.5961



84.5180, 90.7303, 107.6659



56.9579, 74.5055, 61.9497



17.7479, 19.1140, 23.0039



0.0000, 0.0000, 0.0000



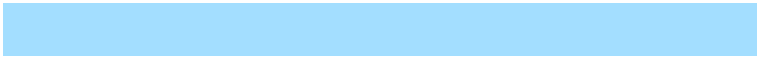
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9251, 62.7117, 91.5961



59.2773, 67.1918, 104.4528



47.9582, 46.7779, 88.9405



15.7395, 16.9131, 20.1566



15.0067, 16.2376, 47.4711



1.3424, 1.5388, 3.9805

Inverse Universe

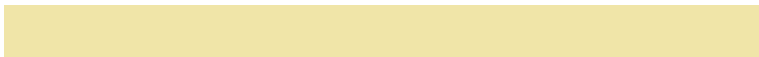
The Inverse Universe completely reimagines the original color for something new.



62.0770, 51.3873, 70.2679



67.5378, 52.7915, 75.6337



71.0790, 77.5031, 48.2608



16.1979, 15.9289, 18.5986



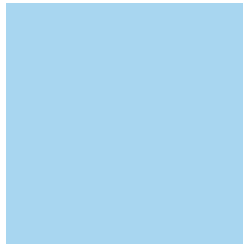
22.9003, 11.4325, 17.9234



1.9525, 0.9701, 1.7409

Previews

White Background



This preview shows how the XYZ color 55.9232, 62.7092, 91.5947 looks on a white background.

Color Contrast Check

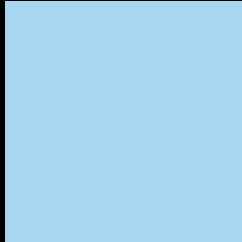
Large Text (above 18pt) WCAG AA × Fail

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 55.9232, 62.7092, 91.5947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

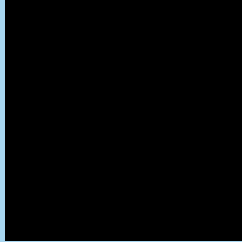
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9232, 62.7092, 91.5947

Background



This preview shows how black text looks on a background with the XYZ color 55.9232, 62.7092, 91.5947.



This preview shows how white text looks on a background with the XYZ color 55.9232, 62.7092,

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

55.9232, 62.7092, 91.5947

Protanopia

61.0397, 62.1597, 86.6228

Deuteranopia

63.8765, 62.4138, 93.4744



Tritanopia

54.5918, 62.5341, 85.5369

Trichromacy



Original Color

55.9232, 62.7092, 91.5947

Protanomaly

58.9314, 62.1150, 88.2403

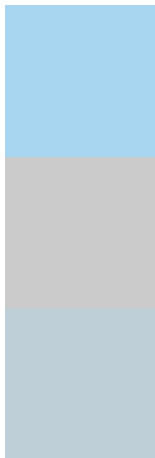
Deuteranomaly

60.6040, 62.1555, 92.8074

Tritanomaly

55.2322, 62.8145, 87.8106

Monochromacy



Original Color

55.9232, 62.7092, 91.5947

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9427, 60.5307, 73.7008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9232, 62.7092, 91.5947 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(168, 214, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 214, 240)  
}
```

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(168, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 214, 240) }
```

Border

The CSS property to change the border of an element to XYZ 55.9232, 62.7092, 91.5947 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(168, 214, 240) }
```


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

```
.border{ border-color:rgb(168, 214, 240) }
```

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

Here you see how a box with a 4 pixel rgb(168, 214, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 214,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9232, 62.7092, 91.5947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 214, 240) }
```

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

```
.background{ background-color: rgb(168,  
214, 240) }
```

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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