

Converting Colors

XYZ(55.6422, 62.5878, 93.1145)

Have a look what the booklet for
XYZ(55.6422, 62.5878, 93.1145)
contains.

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Color

**XYZ(55.5906, 62.5033,
93.1388)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D6F2
RGB	165, 214, 242
RGB Percent	65%, 84%, 95%
CMY	0.3529, 0.1608, 0.0510
CMYK	0.32, 0.12, 0.00, 0.05
HSL	202°, 75%, 80%
HSV	202°, 32%, 95%
XYZ	55.5906, 62.5033, 93.1388
YIQ	202.5410, -38.1920, -1.6800

Conversions

Conversions Part 2

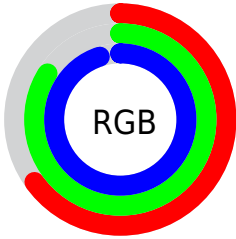
Format	Color
RYB	165, 195, 242
Decimal	10868466
CIELab	83.18, -9.36, -18.85
CIELCh	83, 21.049, 243.600
Yxy	62.5033, 0.2632, 0.2959
Android (android.graphics.Color)	4289058546 (0xFFA5D6F2)
YUV	202.5410, 19.4533, -32.9235
Hunter-Lab	79.0590, -12.8405, -14.5077

Details

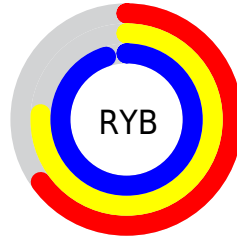
The XYZ color **55.5906, 62.5033, 93.1388** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.4803, 59.7343, 43.8356**, and the grayscale version is **56.3778, 59.3139, 64.5928**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **27.8166, 31.7210, 51.1110** is the 20% darker color. If you saturate the color by 10%, you get **48.8586, 55.8170, 92.2041**, and if you desaturate by 10%, it is **63.3992, 69.9261, 94.1611**.

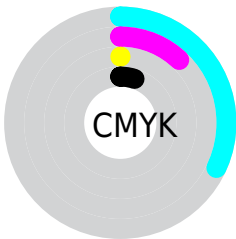
Distribution



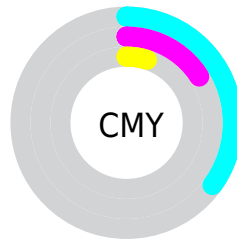
- Red (65%)
- Green (84%)
- Blue (95%)



- Red (65%)
- Yellow (76%)
- Blue (95%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5906, 62.5033, 93.1388 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 55.5906, 62.5033, 93.1388 by changing the saturation by 10% instead.

■ 55.5906, 62.5033,
93.1388

■ 55.5906, 62.5033,
93.1388

398.2469,
433.7646, 559.0206

■ 40.1105, 45.4395,
69.9986

■ 97.5490, 108.4526,
153.6641

■ 27.8093, 31.8037,
51.0486

■ 124.7580,
138.1069, 191.8863

■ 18.3217, 21.2116,
35.8703

156.6074,
172.7268, 235.9729

■ 11.2823, 13.2788,
24.0451

193.4625,
212.6968, 286.3424

■ 6.3257, 7.6208,
15.1546

235.6886,
258.4011, 343.4134

■ 3.0867, 3.8533,
8.7801

283.6512,

■ 1.1998, 1.5918,

310.2243, 407.6044

4.5032

337.7155,
368.5506, 479.3340

■ 0.1062, 0.3521,
1.9053

■ 0.0000, 0.0000,
0.4961

■ 55.5906, 62.5033,
93.1388

■ 55.5906, 62.5033,
93.1388

■ 48.8586, 55.8170,
92.2041

■ 63.3992, 69.9261,
94.1611

■ 43.1416, 49.8283,
91.3495

■ 72.3299, 78.1073,
95.2695

■ 38.3803, 44.5053,
90.5730

■ 82.4328, 87.0768,
96.4683

■ 34.5066, 39.8098,
89.8708

■ 91.2053, 95.5470,
97.6408

■ 31.4421, 35.6985,
89.2388

■ 93.0272, 99.1909,
98.2482

■ 29.0929, 32.1200,
88.6719

■ 27.5840, 29.5245,
88.2504

Harmonies

Analogous

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



52.3942, 62.5033, 82.9317



55.5906, 62.5033, 93.1388



59.9602, 62.5033, 96.3444

Triad

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



55.5906, 62.5033, 93.1388



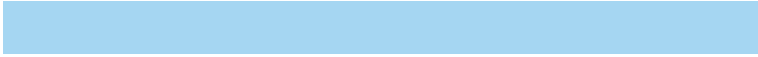
68.6027, 62.5033, 66.4896



54.6826, 62.5033, 49.1960

Complementary

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



55.5906, 62.5033, 93.1388



62.4803, 59.7343, 43.8356

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.



58.8582, 62.5033, 45.9290



55.5906, 62.5033, 93.1388



67.0203, 62.5033, 55.0739

Square

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



55.5906, 62.5033, 93.1388



67.6192, 62.5033, 79.8524



63.3953, 62.5033, 47.9359



51.8891, 62.5033, 57.4817

Rectangle

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



55.5906, 62.5033, 93.1388



62.9903, 62.5033, 93.7800



63.3953, 62.5033, 47.9359



55.9632, 62.5033, 47.5262

Sweetspot

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



55.5925, 62.5058, 93.1402



83.3960, 89.7065, 107.5274



56.7794, 75.3084, 61.3850



17.5228, 18.9068, 22.9758



0.0000, 0.0000, 0.0000



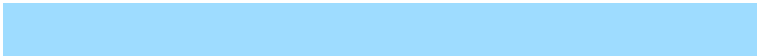
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5925, 62.5058, 93.1402



57.7021, 65.5630, 104.2214



47.1789, 45.6785, 90.3357



15.7360, 16.9061, 20.1554



14.9527, 16.1296, 47.4531



1.3381, 1.5303, 3.9791

Inverse Universe

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



62.2122, 50.6442, 70.1174



66.3712, 50.9028, 73.8750



71.8329, 78.4395, 46.9532



16.1962, 15.9282, 18.5893



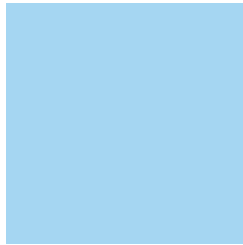
22.8730, 11.4216, 17.7798



1.9504, 0.9692, 1.7295

Previews

White Background



This preview shows how the XYZ color 55.5906, 62.5033, 93.1388 looks on a white background.

Color Contrast Check

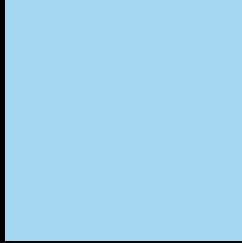
Large Text (above 18pt) WCAG AA × Fail

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 55.5906, 62.5033, 93.1388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

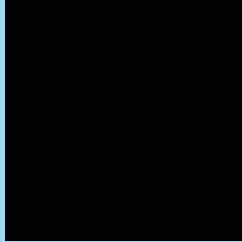
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5906, 62.5033, 93.1388

Background



This preview shows how black text looks on a background with the XYZ color 55.5906, 62.5033, 93.1388.



This preview shows how white text looks on a background with the XYZ color 55.5906, 62.5033,

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

55.5906, 62.5033, 93.1388

Protanopia

61.0590, 62.1363, 88.1322

Deuteranopia

63.6144, 62.2435, 95.0476



Tritanopia

54.3681, 62.7815, 86.3433

Trichromacy



Original Color

55.5906, 62.5033, 93.1388

Protanomaly

58.7275, 61.9762, 89.7562

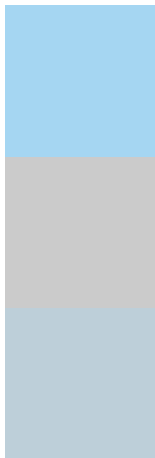
Deuteranomaly

60.1387, 61.8807, 94.3625

Tritanomaly

54.7506, 62.5495, 88.5445

Monochromacy



Original Color

55.5906, 62.5033, 93.1388

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.8235, 60.4542, 74.3723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5906, 62.5033, 93.1388 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(165, 214, 242)` looks like.

```
.text, #text, p{  
    color:rgb(165, 214, 242)  
}
```

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(165, 214, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 214, 242) }
```

Border

The CSS property to change the border of an element to XYZ 55.5906, 62.5033, 93.1388 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(165, 214, 242) }
```


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

```
.border{ border-color:rgb(165, 214, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 214, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 214, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 214, 242);  
box-shadow:4px 4px 4px 4px rgb(165, 214,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5906, 62.5033, 93.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 214, 242) }
```

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

```
.background{ background-color: rgb(165,  
214, 242) }
```

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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