

Converting Colors

XYZ(55.7680, 60.3116, 95.8908)

Have a look what the booklet for
XYZ(55.7680, 60.3116, 95.8908)
contains.

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Color

**XYZ(55.7680, 60.3116,
95.8908)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD0F6
RGB	170, 208, 246
RGB Percent	67%, 82%, 96%
CMY	0.3333, 0.1843, 0.0353
CMYK	0.31, 0.15, 0.00, 0.04
HSL	210°, 81%, 82%
HSV	210°, 31%, 96%
XYZ	55.7680, 60.3116, 95.8908
YIQ	200.9700, -34.8460, 3.7620

Conversions

Conversions Part 2

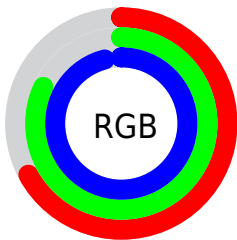
Format	Color
R _Y B	170, 195, 246
Decimal	11194614
CIE Lab	82.01, -3.86, -22.73
CIE LCh	82, 23.053, 260.365
Yxy	60.3116, 0.2631, 0.2845
Android (android.graphics.Color)	4289384694 (0xFFAAD0F6)
YUV	200.9700, 22.1998, -27.1607
Hunter-Lab	77.6605, -7.7252, -18.8455

Details

The XYZ color **55.7680, 60.3116, 95.8908** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.8186, 67.6077, 47.5071**, and the grayscale version is **55.3826, 58.2668, 63.4525**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **28.0523, 30.5419, 53.1319** is the 20% darker color. If you saturate the color by 10%, you get **48.0563, 52.0569, 94.7050**, and if you desaturate by 10%, it is **64.7111, 69.5491, 97.2035**.

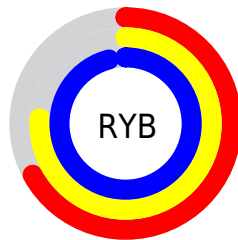
Distribution



Red (67%)

Green (82%)

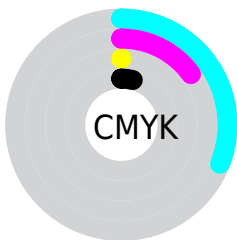
Blue (96%)



Red (67%)

Yellow (76%)

Blue (96%)

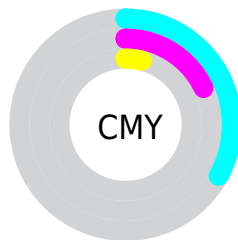


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7680, 60.3116, 95.8908 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 55.7680, 60.3116, 95.8908 by changing the saturation by 10% instead.

■ 55.7680, 60.3116,
95.8908

■ 55.7680, 60.3116,
95.8908

398.9058,
425.7454, 568.0699

■ 40.2532, 43.6698,
72.2756

■ 97.8071, 105.2816,
157.5009

■ 27.9211, 30.4110,
52.8957

125.0621,
134.3785, 196.3328

■ 18.4064, 20.1508,
37.3323

156.9612,
168.3960, 241.0741

■ 11.3436, 12.5047,
25.1671

193.8697,
207.7185, 292.1434

■ 6.3674, 7.0884,
15.9814

236.1531,
252.7302, 349.9590

■ 3.1125, 3.5174,
9.3568

284.1767,

■ 1.2135, 1.4075,

303.8157, 414.9396

4.8747

338.3058,
361.3593, 487.5037

■ 0.1170, 0.2222,
2.1165

■ 0.0000, 0.0000,
0.6255

■ 55.7680, 60.3116,
95.8908

■ 55.7680, 60.3116,
95.8908

■ 48.0563, 52.0569,
94.7050

■ 64.7111, 69.5491,
97.2035

■ 41.5094, 44.7388,
93.6375

■ 74.9362, 79.7989,
98.6430

■ 36.0628, 38.3173,
92.6851

■ 86.4979, 91.0979,
100.2145

■ 31.6424, 32.7458,
91.8427

■ 93.6348, 99.4339,
101.4474

■ 28.1642, 27.9724,
91.1046

■ 25.5282, 23.9364,
90.4645

■ 23.7184, 20.8211,
89.9586

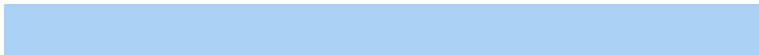
Harmonies

Analogous

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



51.5439, 60.3116, 88.6187



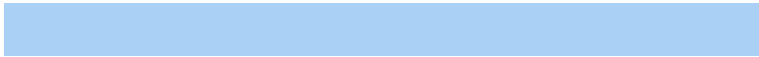
55.7680, 60.3116, 95.8908



60.6527, 60.3116, 94.2261

Triad

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



55.7680, 60.3116, 95.8908



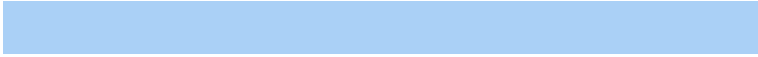
66.5802, 60.3116, 56.7528



50.3965, 60.3116, 49.9732

Complementary

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



55.7680, 60.3116, 95.8908



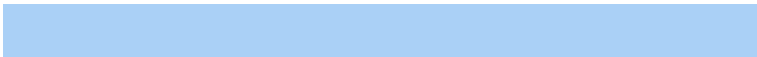
67.8186, 67.6077, 47.5071

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.



54.1201, 60.3116, 43.5574



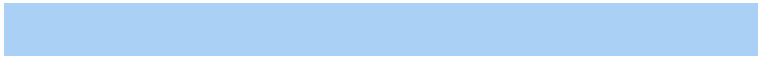
55.7680, 60.3116, 95.8908



63.5216, 60.3116, 47.0689

Square

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



55.7680, 60.3116, 95.8908



67.0834, 60.3116, 70.2708



58.9094, 60.3116, 42.5754



48.5609, 60.3116, 61.2727

Rectangle

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



55.7680, 60.3116, 95.8908



63.6198, 60.3116, 88.3499



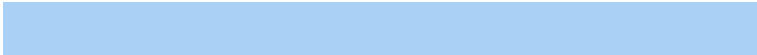
58.9094, 60.3116, 42.5754



51.4586, 60.3116, 47.2456

Sweetspot

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



55.7699, 60.3140, 95.8922



83.5530, 88.8003, 107.3442



60.7647, 78.9508, 70.8987



17.5101, 18.6382, 22.9246



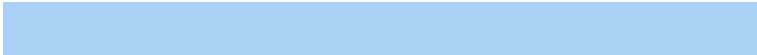
0.0000, 0.0000, 0.0000



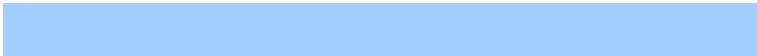
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7699, 60.3140, 95.8922



55.1912, 59.7881, 103.2391



47.8271, 44.4283, 93.2446



16.2658, 17.2958, 21.0237



12.8001, 11.3941, 48.0627



1.2278, 1.2069, 4.2585

Inverse Universe

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



63.7675, 52.8981, 66.5264



65.2877, 51.1731, 65.9992



77.8347, 87.6399, 50.8458



16.8447, 16.6207, 18.9289



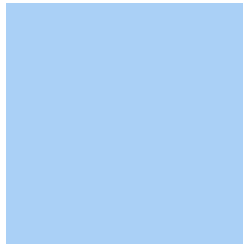
22.2654, 11.2496, 11.3720



2.0088, 1.0095, 1.2726

Previews

White Background



This preview shows how the XYZ color 55.7680, 60.3116, 95.8908 looks on a white background.

Color Contrast Check

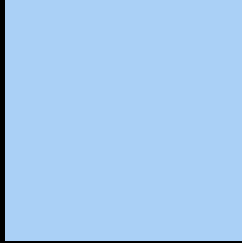
Large Text (above 18pt) WCAG AA × Fail

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 55.7680, 60.3116, 95.8908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

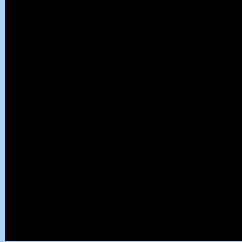
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

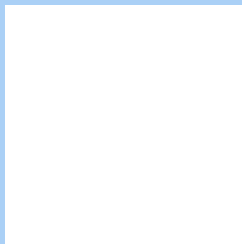
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7680, 60.3116, 95.8908

Background



This preview shows how black text looks on a background with the XYZ color 55.7680, 60.3116, 95.8908.



This preview shows how white text looks on a background with the XYZ color 55.7680, 60.3116,

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

55.7680, 60.3116, 95.8908

Protanopia

59.6532, 60.2540, 92.4905

Deuteranopia

61.4541, 60.0417, 97.1572



Tritanopia

53.0237, 60.2970, 82.2426

Trichromacy



Original Color

55.7680, 60.3116, 95.8908

Protanomaly

58.0202, 60.0959, 93.3357

Deuteranomaly

59.1442, 59.9036, 96.4410

Tritanomaly

53.9783, 60.3068, 87.3927

Monochromacy



Original Color

55.7680, 60.3116, 95.8908

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3525, 59.1426, 74.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7680, 60.3116, 95.8908 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(170, 208, 246)` looks like.

```
.text, #text, p{  
    color:rgb(170, 208, 246)  
}
```

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(170, 208, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 208, 246) }
```

Border

The CSS property to change the border of an element to XYZ 55.7680, 60.3116, 95.8908 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(170, 208, 246) }
```


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

```
.border{ border-color:rgb(170, 208, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 208, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 208, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 208, 246);  
box-shadow:4px 4px 4px 4px rgb(170, 208,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7680, 60.3116, 95.8908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 208, 246) }
```

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

```
.background{ background-color: rgb(170,  
208, 246) }
```

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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