

Converting Colors

XYZ(60.2910, 68.9109, 95.7404)

Have a look what the booklet for
XYZ(60.2910, 68.9109, 95.7404)
contains.

XYZ(60.2184, 68.7272, 95.6798)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.2184, 68.7272,
95.6798)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE0F4
RGB	173, 224, 244
RGB Percent	68%, 88%, 96%
CMY	0.3216, 0.1216, 0.0431
CMYK	0.29, 0.08, 0.00, 0.04
HSL	197°, 76%, 82%
HSV	197°, 29%, 96%
XYZ	60.2184, 68.7272, 95.6798
YIQ	211.0310, -36.8160, -4.5920

Conversions

Conversions Part 2

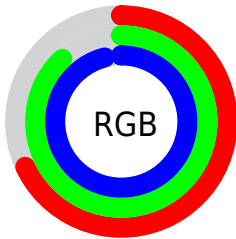
Format	Color
RYB	173, 203, 244
Decimal	11395316
CIELab	86.37, -11.81, -15.07
CIELCh	86, 19.142, 231.917
Yxy	68.7272, 0.2681, 0.3060
Android (android.graphics.Color)	4289585396 (0xFFADE0F4)
YUV	211.0310, 16.2537, -33.3532
Hunter-Lab	82.9019, -15.4191, -10.3972

Details

The XYZ color **60.2184, 68.7272, 95.6798** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.9220, 60.3909, 47.8245**, and the grayscale version is **61.8525, 65.0737, 70.8652**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **30.8728, 35.9287, 52.8847** is the 20% darker color. If you saturate the color by 10%, you get **53.4983, 62.5777, 94.8482**, and if you desaturate by 10%, it is **68.0026, 75.5395, 96.5856**.

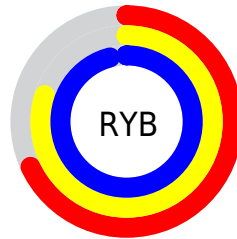
Distribution



Red (68%)

Green (88%)

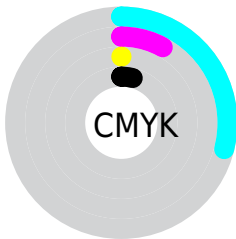
Blue (96%)



Red (68%)

Yellow (80%)

Blue (96%)

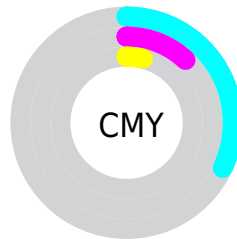


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (32%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2184, 68.7272, 95.6798 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 60.2184, 68.7272, 95.6798 by changing the saturation by 10% instead.

60.2184, 68.7272,
95.6798

60.2184, 68.7272,
95.6798

415.2242,
456.0682, 567.3788

43.8448, 50.4896,
72.1009

104.2510,
117.3919, 157.2071

30.7459, 35.8026,
52.7538

132.6407,
148.5877, 195.9926

20.5563, 24.2817,
37.2199

165.7665,
184.8717, 240.6839

12.9107, 15.5427,
25.0806

203.9937,
226.6282, 291.6998

7.4437, 9.2012,
15.9176

247.6877,
274.2418, 349.4587

3.7899, 4.8726,
9.3121

297.2139,

1.5839, 2.1727,

328.0967, 414.3791

4.8457

352.9376,
388.5774, 486.8797

■ 0.3819, 0.7051,
2.0999

■ 0.0000, 0.0000,
0.6157

■ 60.2184, 68.7272,
95.6798

■ 60.2184, 68.7272,
95.6798

■ 53.4983, 62.5777,
94.8482

■ 68.0026, 75.5395,
96.5856

■ 47.7816, 57.0532,
94.0832

■ 76.8951, 83.0335,
97.5634

■ 43.0105, 52.1246,
93.3833

■ 86.9451, 91.2377,
98.6173

■ 39.1187, 47.7561,
92.7452

■ 92.2212, 97.0954,
99.4698

■ 36.0306, 43.9074,
92.1651

■ 93.3294, 99.3117,
99.8392

■ 33.6568, 40.5311,
91.6385

■ 31.8620, 37.5560,
91.1589

■ 31.7131, 37.2993,
91.1172

Harmonies

Analogous

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



57.7491, 68.7272, 84.2935



60.2184, 68.7272, 95.6798



64.1351, 68.7272, 101.6196

Triad

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



60.2184, 68.7272, 95.6798



74.1071, 68.7272, 78.3081



62.2009, 68.7272, 54.4405

Complementary

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



60.2184, 68.7272, 95.6798



63.9220, 60.3909, 47.8245

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.



66.5258, 68.7272, 53.2218



60.2184, 68.7272, 95.6798



73.5320, 68.7272, 66.1068

Square

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



60.2184, 68.7272, 95.6798



72.2461, 68.7272, 90.8771



70.7085, 68.7272, 57.2568



58.8572, 68.7272, 60.7966

Rectangle

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



60.2184, 68.7272, 95.6798



67.0945, 68.7272, 101.2731



70.7085, 68.7272, 57.2568



63.5832, 68.7272, 53.4476

Sweetspot

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



60.2205, 68.7299, 95.6814



85.0774, 91.8490, 107.8523



59.0928, 77.3898, 61.6554



17.8861, 19.3904, 23.0500



0.0000, 0.0000, 0.0000



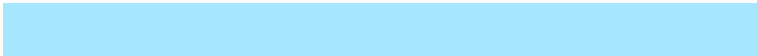
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2205, 68.7299, 95.6814



61.9819, 71.8168, 105.2030



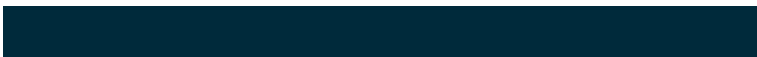
51.8841, 52.0571, 92.9026



16.5792, 17.9227, 21.1282



17.3652, 20.5242, 49.5843



1.6130, 1.9774, 4.3869

Inverse Universe

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



65.7081, 54.5039, 77.5811



69.0943, 54.1470, 81.5710



72.4402, 77.4272, 50.6638



17.0029, 16.6840, 19.7620



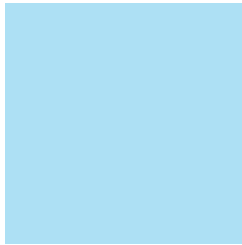
24.5697, 12.1713, 23.5060



2.2032, 1.0873, 2.2965

Previews

White Background



This preview shows how the XYZ color 60.2184, 68.7272, 95.6798 looks on a white background.

Color Contrast Check

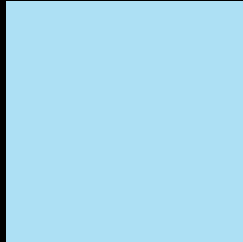
Large Text (above 18pt) WCAG AA × Fail

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 60.2184, 68.7272, 95.6798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

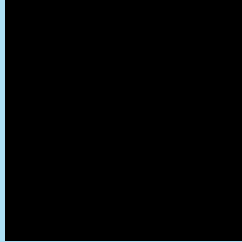
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2184, 68.7272, 95.6798

Background



This preview shows how black text looks on a background with the XYZ color 60.2184, 68.7272, 95.6798.



This preview shows how white text looks on a background with the XYZ color 60.2184, 68.7272,

95.6798.

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

60.2184, 68.7272, 95.6798

Protanopia

66.9198, 68.4123, 90.5668

Deuteranopia

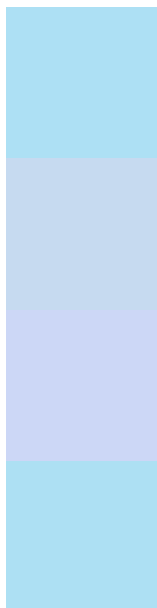
69.9593, 68.3382, 97.4990



Tritanopia

59.9162, 68.6064, 94.0888

Trichromacy



Original Color

60.2184, 68.7272, 95.6798

Protanomaly

64.0883, 68.4398, 92.2705

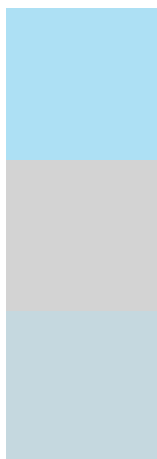
Deuteranomaly

65.8368, 68.0921, 96.8619

Tritanomaly

60.0669, 68.6666, 94.8821

Monochromacy



Original Color

60.2184, 68.7272, 95.6798

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.9011, 66.3098, 79.4013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2184, 68.7272, 95.6798 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(173, 224, 244)` looks like.

```
.text, #text, p{  
    color:rgb(173, 224, 244)  
}
```

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(173, 224, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 224, 244) }
```

Border

The CSS property to change the border of an element to XYZ 60.2184, 68.7272, 95.6798 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(173, 224, 244) }
```


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

```
.border{ border-color:rgb(173, 224, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 224, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 224, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 224, 244);  
box-shadow:4px 4px 4px 4px rgb(173, 224,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2184, 68.7272, 95.6798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 224, 244) }
```

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

```
.background{ background-color: rgb(173,  
224, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor