

Converting Colors

XYZ(76.7995, 74.8183,
191.2199)

Have a look what the booklet for
XYZ(76.7995, 74.8183, 191.2199)
contains.

XYZ(60.3740, 68.2108, 104.5917)	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(60.3740, 68.2108,
104.5917)**

Conversions

Conversions Part 1

Format	Color
Hex	A7DFFF
RGB	167, 223, 255
RGB Percent	65%, 87%, 100%
CMY	0.3451, 0.1255, 0.0000
CMYK	0.35, 0.13, 0.00, 0.00
HSL	202°, 100%, 83%
HSV	202°, 35%, 100%
XYZ	60.3740, 68.2108, 104.5917
YIQ	209.9040, -43.6480, -1.9200

Conversions

Conversions Part 2

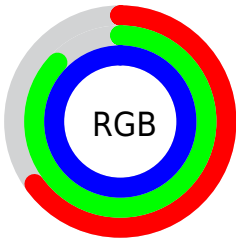
Format	Color
R _Y B	167, 201, 255
Decimal	11001855
CIE Lab	86.11, -10.33, -21.28
CIE LCh	86, 23.657, 244.110
Yxy	68.2108, 0.2589, 0.2925
Android (android.graphics.Color)	4289191935 (0xFFA7DFFF)
YUV	209.9040, 22.2323, -37.6268
Hunter-Lab	82.5898, -14.0469, -17.2719

Details

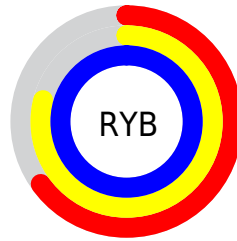
The XYZ color **60.3740, 68.2108, 104.5917** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.6388, 64.8970, 45.4698**, and the grayscale version is **61.0765, 64.2572, 69.9761**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **30.8778, 35.5272, 58.6561** is the 20% darker color. If you saturate the color by 10%, you get **53.0992, 60.8846, 103.5610**, and if you desaturate by 10%, it is **68.8504, 76.3611, 105.7181**.

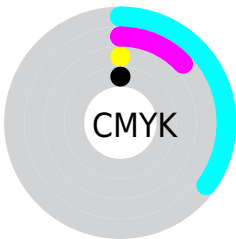
Distribution



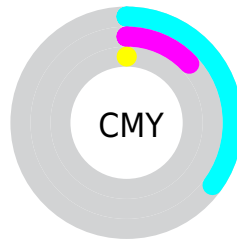
- Red (65%)
- Green (87%)
- Blue (100%)



- Red (65%)
- Yellow (79%)
- Blue (100%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3740, 68.2108, 104.5917 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 60.3740, 68.2108, 104.5917 by changing the saturation by 10% instead.

60.3740, 68.2108,
104.5917

60.3740, 68.2108,
104.5917

415.7876,
454.2425, 596.1879

43.9708, 50.0692,
79.5026

104.4753,
116.6537, 169.5598

30.8453, 35.4684,
58.7854

132.9040,
147.7238, 210.2758

20.6324, 24.0239,
42.0215

166.0720,
183.8722, 257.0378

12.9665, 15.3514,
28.7924

204.3446,
225.4833, 310.2645

7.4823, 9.0664,
18.6796

248.0870,
272.9414, 370.3743

3.8145, 4.7845,
11.2645

297.6648,

1.5977, 2.1214,

326.6311, 437.7858

6.1287

353.4432,
386.9367, 512.9174

■ 0.3909, 0.6766,
2.8534

■ 0.0000, 0.0000,
1.0203

■ 60.3740, 68.2108,
104.5917

■ 60.3740, 68.2108,
104.5917

■ 53.0992, 60.8846,
103.5610

■ 68.8504, 76.3611,
105.7181

■ 46.9553, 54.3380,
102.6212

■ 78.5823, 85.3615,
106.9424

■ 41.8729, 48.5335,
101.7687

■ 89.6272, 95.2464,
108.2683

■ 37.7714, 43.4264,
100.9991

■ 95.0500, 100.0000,
108.9000

■ 34.5578, 38.9651,
100.3074

■ 32.1181, 35.0874,
99.6875

■ 31.0197, 33.1595,
99.3732

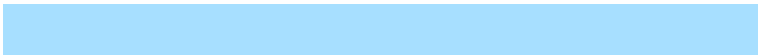
Harmonies

Analogous

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



56.5563, 68.2108, 92.3566



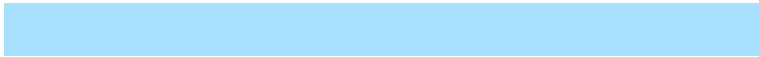
60.3740, 68.2108, 104.5917



65.5845, 68.2108, 108.3134

Triad

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



60.3740, 68.2108, 104.5917



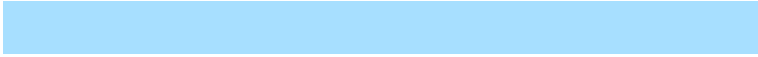
75.8284, 68.2108, 72.1446



59.1448, 68.2108, 52.1370

Complementary

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



60.3740, 68.2108, 104.5917



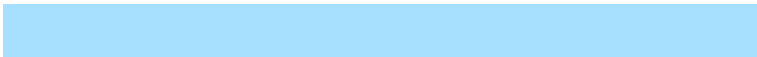
68.6388, 64.8970, 45.4698

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.



64.0859, 68.2108, 48.2312



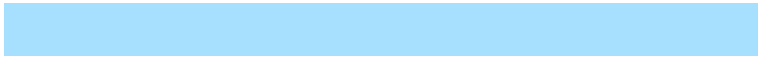
60.3740, 68.2108, 104.5917



73.8787, 68.2108, 58.7137

Square

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



60.3740, 68.2108, 104.5917



74.6992, 68.2108, 88.1247



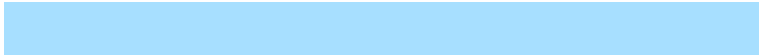
69.5049, 68.2108, 50.4602



55.8750, 68.2108, 61.9493

Rectangle

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



60.3740, 68.2108, 104.5917



69.1972, 68.2108, 105.0861



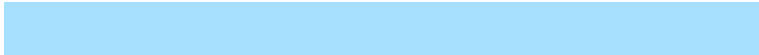
69.5049, 68.2108, 50.4602



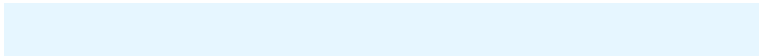
60.6550, 68.2108, 50.1572

Sweetspot

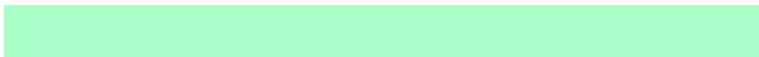
The Sweet Spot groups the original color and five complimentary colors.



60.3759, 68.2134, 104.5921



83.3960, 89.7066, 107.5274



61.8674, 83.8040, 66.2218



17.5228, 18.9068, 22.9758



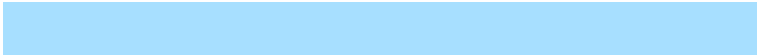
0.0000, 0.0000, 0.0000



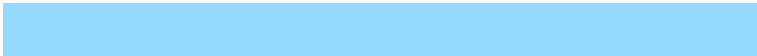
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3759, 68.2134, 104.5921



55.5196, 63.3647, 103.9122



50.3495, 48.1606, 101.2500



17.9669, 19.3055, 23.0293



16.3555, 17.6206, 51.9737



1.6965, 1.9236, 5.0952

Inverse Universe

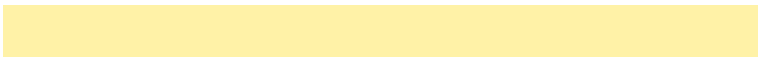
The Inverse Universe completely reimagines the original color for something new.



68.3792, 54.2268, 76.6777



64.7407, 48.2256, 71.5316



79.9082, 87.4358, 49.2263



18.4960, 18.1817, 21.2289



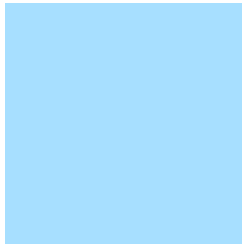
25.0437, 12.5068, 19.4124



2.4909, 1.2387, 2.1665

Previews

White Background



This preview shows how the XYZ color 60.3740, 68.2108, 104.5917 looks on a white background.

Color Contrast Check

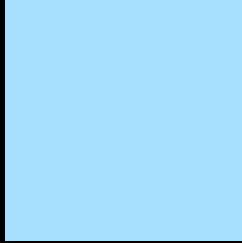
Large Text (above 18pt) WCAG AA × Fail

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 60.3740, 68.2108, 104.5917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

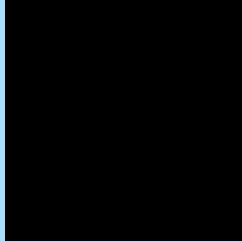
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

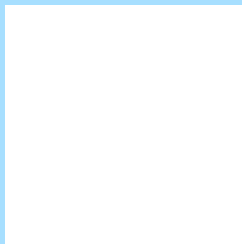
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3740, 68.2108, 104.5917

Background



This preview shows how black text looks on a background with the XYZ color 60.3740, 68.2108, 104.5917.

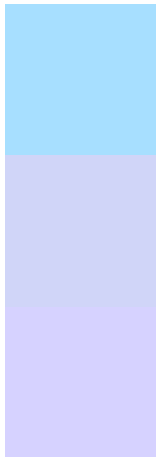


This preview shows how white text looks on a background with the XYZ color 60.3740, 68.2108,

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

60.3740, 68.2108, 104.5917

Protanopia

66.7500, 67.7757, 98.3709

Deuteranopia

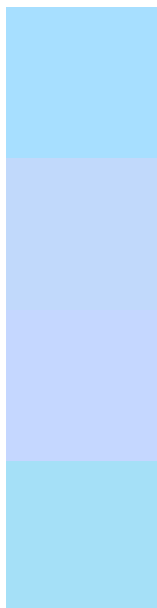
68.8281, 67.6093, 104.0300



Tritanopia

58.4127, 68.2140, 94.8820

Trichromacy



Original Color

60.3740, 68.2108, 104.5917

Protanomaly

64.2178, 67.9282, 100.9936

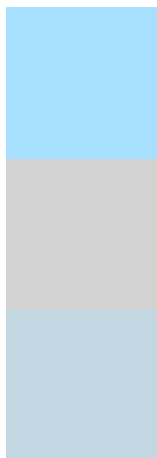
Deuteranomaly

65.3764, 67.6912, 104.2277

Tritanomaly

58.9612, 68.0260, 98.0184

Monochromacy



Original Color

60.3740, 68.2108, 104.5917

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.2760, 65.5612, 81.4292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3740, 68.2108, 104.5917 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(167, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 223, 255)  
}
```

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(167, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.3740, 68.2108, 104.5917 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(167, 223, 255) }
```


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

```
.border{ border-color:rgb(167, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3740, 68.2108, 104.5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 223, 255) }
```

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

```
.background{ background-color: rgb(167,  
223, 255) }
```

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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