

Converting Colors

XYZ(61.3858, 67.1558,
109.1836)

Have a look what the booklet for
XYZ(61.3858, 67.1558, 109.1836)
contains.

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Color

**XYZ(60.3948, 66.6537,
104.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	ACDBFF
RGB	172, 219, 255
RGB Percent	67%, 86%, 100%
CMY	0.3255, 0.1412, 0.0000
CMYK	0.33, 0.14, 0.00, 0.00
HSL	206°, 100%, 84%
HSV	206°, 33%, 100%
XYZ	60.3948, 66.6537, 104.2900
YIQ	209.0510, -39.5680, 1.2320

Conversions

Conversions Part 2

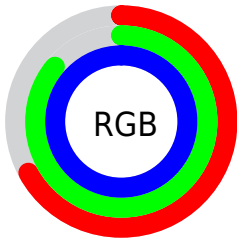
Format	Color
RYB	172, 202, 255
Decimal	11328511
CIELab	85.33, -6.91, -22.44
CIELCh	85, 23.481, 252.898
Yxy	66.6537, 0.2611, 0.2881
Android (android.graphics.Color)	4289518591 (0xFFACDBFF)
YUV	209.0510, 22.6529, -32.4937
Hunter-Lab	81.6417, -10.8269, -18.5885

Details

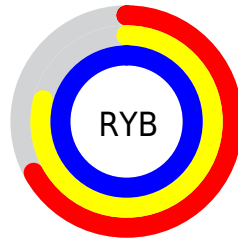
The XYZ color **60.3948, 66.6537, 104.2900** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.2426, 69.3504, 48.6628**, and the grayscale version is **60.5146, 63.6661, 69.3324**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **30.8046, 34.4100, 58.4443** is the 20% darker color. If you saturate the color by 10%, you get **52.5362, 58.4620, 103.1231**, and if you desaturate by 10%, it is **69.5226, 75.7875, 105.5720**.

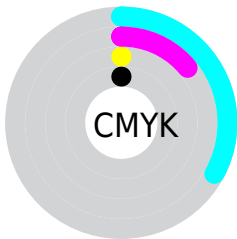
Distribution



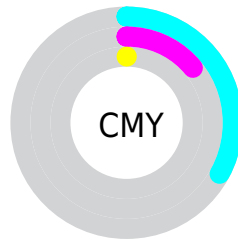
- Red (67%)
- Green (86%)
- Blue (100%)



- Red (67%)
- Yellow (79%)
- Blue (100%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3948, 66.6537, 104.2900 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 60.3948, 66.6537, 104.2900 by changing the saturation by 10% instead.

■ 60.3948, 66.6537,
104.2900

■ 60.3948, 66.6537,
104.2900

415.8629,
448.7111, 595.2247

■ 43.9876, 48.8033,
79.2513

■ 104.5053,
114.4241, 169.1433

■ 30.8586, 34.4634,
58.5799

132.9392,
145.1128, 209.7951

■ 20.6425, 23.2498,
41.8573

166.1128,
180.8497, 256.4883

■ 12.9739, 14.7781,
28.6648

204.3914,
222.0192, 309.6414

■ 7.4875, 8.6638,
18.5840

248.1404,
269.0057, 369.6731

■ 3.8178, 4.5225,
11.1963

297.7251,

■ 1.5996, 1.9700,

322.1936, 437.0019

6.0832

353.5108,
381.9673, 512.0462

■ 0.3921, 0.5899,
2.8261

■ 0.0000, 0.0000,
1.0066

■ 60.3948, 66.6537,
104.2900

■ 60.3948, 66.6537,
104.2900

■ 52.5362, 58.4620,
103.1231

■ 69.5226, 75.7875,
105.5720

■ 45.8759, 51.1655,
102.0658

■ 79.9744, 85.8921,
106.9715

■ 40.3440, 44.7243,
101.1140

■ 91.8081, 97.0042,
108.4926

■ 35.8605, 39.0912,
100.2630

■ 95.0500, 100.0000,
108.9000

■ 32.3335, 34.2127,
99.5073

■ 29.6522, 30.0255,
98.8404

■ 28.0847, 27.2894,
98.3949

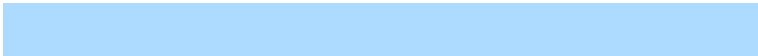
Harmonies

Analogous

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



56.1581, 66.6537, 94.3713



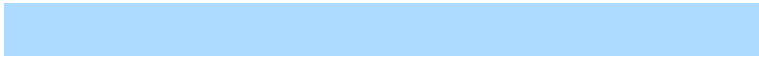
60.3948, 66.6537, 104.2900



65.6605, 66.6537, 104.9992

Triad

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



60.3948, 66.6537, 104.2900



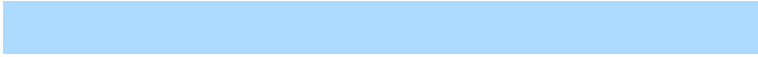
73.8433, 66.6537, 66.2368



56.6487, 66.6537, 53.1790

Complementary

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



60.3948, 66.6537, 104.2900



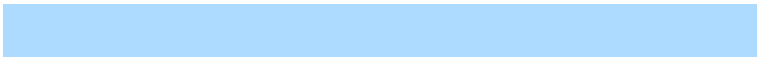
71.2426, 69.3504, 48.6628

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.



61.0989, 66.6537, 47.6240



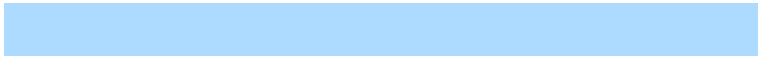
60.3948, 66.6537, 104.2900



71.1362, 66.6537, 54.4224

Square

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



60.3948, 66.6537, 104.2900



73.6286, 66.6537, 81.5247



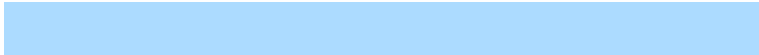
66.4049, 66.6537, 48.0448



54.0797, 66.6537, 64.3047

Rectangle

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



60.3948, 66.6537, 104.2900



69.0656, 66.6537, 100.0218



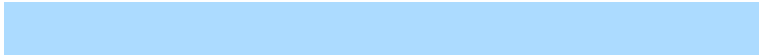
66.4049, 66.6537, 48.0448



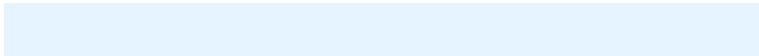
57.9632, 66.6537, 50.6728

Sweetspot

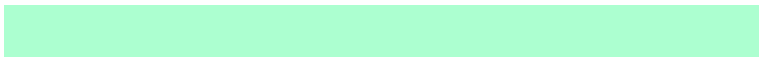
The Sweet Spot groups the original color and five complimentary colors.



60.3967, 66.6562, 104.2904



82.8557, 88.6259, 107.3473



64.1554, 84.8436, 72.6495



17.3919, 18.6450, 22.9321



0.0000, 0.0000, 0.0000



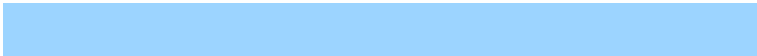
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3967, 66.6562, 104.2904



55.1838, 61.2640, 103.5244



50.8925, 47.6479, 101.1224



17.8567, 19.0850, 22.9926



14.8262, 14.5619, 51.4639



1.5523, 1.6352, 5.0471

Inverse Universe

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



68.7800, 55.8812, 74.1817



64.9201, 49.6330, 68.3585



82.7070, 92.2791, 52.4842



18.4403, 18.1594, 20.9359



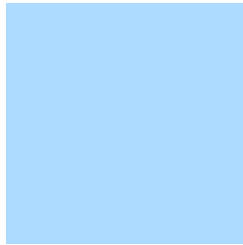
24.2718, 12.1980, 15.3474



2.4181, 1.2096, 1.7832

Previews

White Background



This preview shows how the XYZ color 60.3948, 66.6537, 104.2900 looks on a white background.

Color Contrast Check

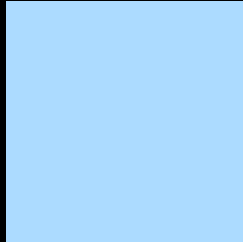
Large Text (above 18pt) WCAG AA × Fail

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 60.3948, 66.6537, 104.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

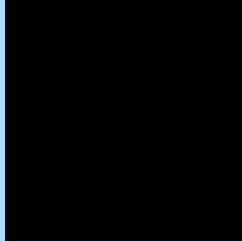
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

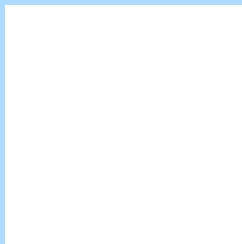
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3948, 66.6537, 104.2900

Background



This preview shows how black text looks on a background with the XYZ color 60.3948, 66.6537, 104.2900.



This preview shows how white text looks on a background with the XYZ color 60.3948, 66.6537,

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

60.3948, 66.6537, 104.2900

Protanopia

65.5700, 66.4072, 98.9845

Deuteranopia

67.4698, 66.1806, 103.8258



Tritanopia

57.8497, 66.7994, 91.5059

Trichromacy



Original Color

60.3948, 66.6537, 104.2900

Protanomaly

63.4515, 66.3956, 100.7382

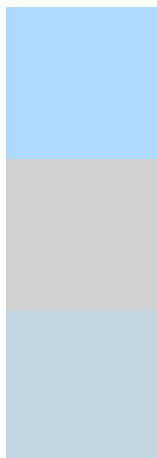
Deuteranomaly

64.6194, 66.1773, 103.9754

Tritanomaly

58.7001, 66.7405, 96.1746

Monochromacy



Original Color

60.3948, 66.6537, 104.2900

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.2867, 64.8152, 81.2847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3948, 66.6537, 104.2900 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(172, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 219, 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(172, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.3948, 66.6537, 104.2900 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(172, 219, 255) }
```


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

```
.border{ border-color:rgb(172, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3948, 66.6537, 104.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 219, 255) }
```

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

```
.background{ background-color: rgb(172,  
219, 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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