

Converting Colors

XYZ(60.4689, 66.3434,
104.2262)

Have a look what the booklet for
XYZ(60.4689, 66.3434, 104.2262)
contains.

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Color

**XYZ(60.3550, 66.2470,
104.2137)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDAFF
RGB	173, 218, 255
RGB Percent	68%, 85%, 100%
CMY	0.3216, 0.1451, 0.0000
CMYK	0.32, 0.15, 0.00, 0.00
HSL	207°, 100%, 84%
HSV	207°, 32%, 100%
XYZ	60.3550, 66.2470, 104.2137
YIQ	208.7630, -38.6970, 1.9670

Conversions

Conversions Part 2

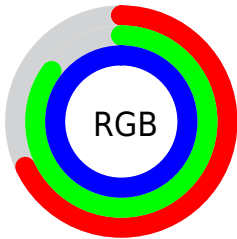
Format	Color
R _{YB}	173, 202, 255
Decimal	11393791
CIE Lab	85.12, -6.11, -22.75
CIE LCh	85, 23.557, 254.968
Yxy	66.2470, 0.2615, 0.2870
Android (android.graphics.Color)	4289583871 (0xFFADDAFF)
YUV	208.7630, 22.7948, -31.3642
Hunter-Lab	81.3923, -10.0729, -18.9396

Details

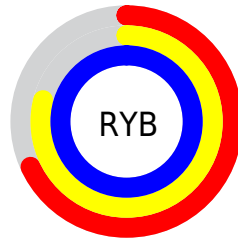
The XYZ color **60.3550, 66.2470, 104.2137** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.8298, 70.3704, 49.3341**, and the grayscale version is **60.3258, 63.4674, 69.1160**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **30.7614, 34.1232, 58.3912** is the 20% darker color. If you saturate the color by 10%, you get **52.3647, 57.8528, 103.0145**, and if you desaturate by 10%, it is **69.6322, 75.6153, 105.5329**.

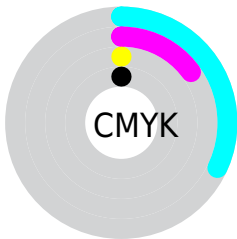
Distribution



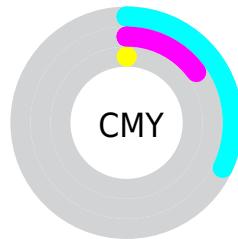
- Red (68%)
- Green (85%)
- Blue (100%)



- Red (68%)
- Yellow (79%)
- Blue (100%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3550, 66.2470, 104.2137 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 60.3550, 66.2470, 104.2137 by changing the saturation by 10% instead.

■ 60.3550, 66.2470,
104.2137

■ 60.3550, 66.2470,
104.2137

415.7189,
447.2597, 594.9810

■ 43.9554, 48.4729,
79.1878

■ 104.4479,
113.8408, 169.0380

■ 30.8332, 34.2016,
58.5280

132.8719,
144.4293, 209.6735

■ 20.6231, 23.0485,
41.8158

166.0347,
180.0580, 256.3493

■ 12.9596, 14.6293,
28.6326

204.3017,
221.1115, 309.4838

■ 7.4776, 8.5596,
18.5599

248.0383,
267.9740, 369.4957

■ 3.8115, 4.4551,
11.1791

297.6098,

■ 1.5960, 1.9313,

321.0299, 436.8036

6.0717

353.3815,
380.6637, 511.8258

■ 0.3898, 0.5671,
2.8193

■ 0.0000, 0.0000,
1.0031

■ 60.3550, 66.2470,
104.2137

■ 60.3550, 66.2470,
104.2137

■ 52.3647, 57.8528,
103.0145

■ 69.6322, 75.6153,
105.5329

■ 45.5901, 50.3850,
101.9302

■ 80.2513, 85.9872,
106.9752

■ 39.9613, 43.8027,
100.9563

■ 92.2708, 97.4004,
108.5447

■ 35.3980, 38.0580,
100.0880

■ 95.0500, 100.0000,
108.9000

■ 31.8081, 33.0966,
99.3196

■ 29.0815, 28.8546,
98.6445

■ 27.4202, 25.9603,
98.1734

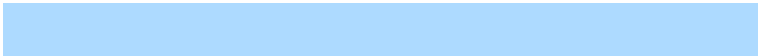
Harmonies

Analogous

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



56.0157, 66.2470, 94.8301



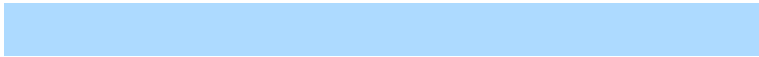
60.3550, 66.2470, 104.2137



65.6396, 66.2470, 104.2244

Triad

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



60.3550, 66.2470, 104.2137



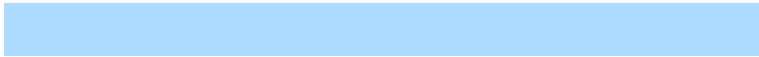
73.3522, 66.2470, 64.8406



56.0231, 66.2470, 53.3606

Complementary

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



60.3550, 66.2470, 104.2137



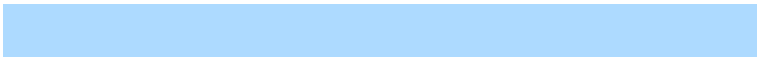
71.8298, 70.3704, 49.3341

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.



60.3656, 66.2470, 47.4126



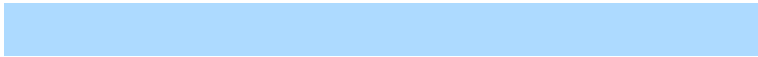
60.3550, 66.2470, 104.2137



70.4683, 66.2470, 53.3793

Square

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



60.3550, 66.2470, 104.2137



73.3489, 66.2470, 79.9834



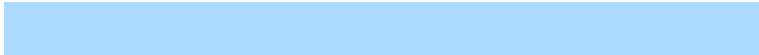
65.6508, 66.2470, 47.4190



53.6119, 66.2470, 64.8114

Rectangle

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



60.3550, 66.2470, 104.2137



68.9998, 66.2470, 98.8417



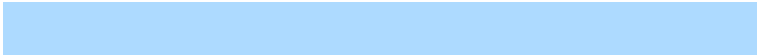
65.6508, 66.2470, 47.4190



57.2942, 66.2470, 50.7273

Sweetspot

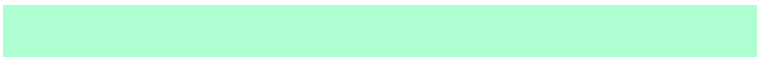
The Sweet Spot groups the original color and five complimentary colors.



60.3569, 66.2495, 104.2140



82.7217, 88.3580, 107.3026



64.6151, 85.0529, 73.9201



17.3595, 18.5802, 22.9213



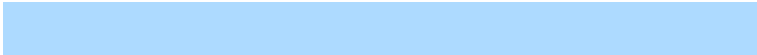
0.0000, 0.0000, 0.0000



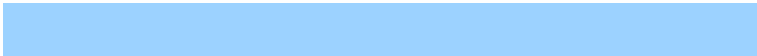
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3569, 66.2495, 104.2140



54.7518, 60.4000, 103.3804



51.0271, 47.5899, 101.1041



17.8294, 19.0304, 22.9835



14.4790, 13.8675, 51.3482



1.5189, 1.5686, 5.0360

Inverse Universe

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



68.8397, 56.2108, 73.5539



64.7020, 49.5458, 67.2101



83.2492, 93.2093, 53.1406



18.4265, 18.1539, 20.8632



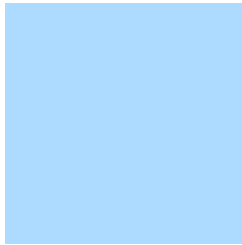
24.0965, 12.1279, 14.4245



2.4013, 1.2029, 1.6947

Previews

White Background



This preview shows how the XYZ color 60.3550, 66.2470, 104.2137 looks on a white background.

Color Contrast Check

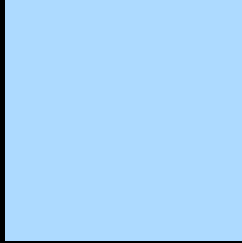
Large Text (above 18pt) WCAG AA × Fail

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 60.3550, 66.2470, 104.2137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

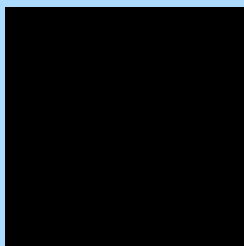
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

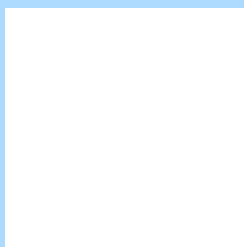
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3550, 66.2470, 104.2137

Background



This preview shows how black text looks on a background with the XYZ color 60.3550, 66.2470, 104.2137.



This preview shows how white text looks on a background with the XYZ color 60.3550, 66.2470,

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

60.3550, 66.2470, 104.2137

Protanopia

65.2038, 65.8327, 99.7129

Deuteranopia

67.1842, 66.0334, 103.8125



Tritanopia

57.6513, 66.3210, 90.6516

Trichromacy



Original Color

60.3550, 66.2470, 104.2137

Protanomaly

63.3573, 65.9542, 101.4866

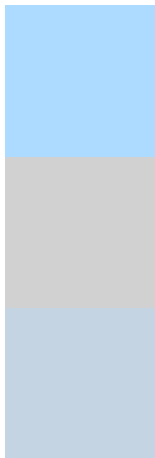
Deuteranomaly

64.6194, 66.1773, 103.9754

Tritanomaly

58.4999, 66.2641, 95.2949

Monochromacy



Original Color

60.3550, 66.2470, 104.2137

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.0359, 64.3137, 81.2011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3550, 66.2470, 104.2137 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, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 218, 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(173, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.3550, 66.2470, 104.2137 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, 218, 255) }
```


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

```
.border{ border-color:rgb(173, 218, 255) }
```

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

Here you see how a box with a 4 pixel rgb(173, 218, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3550, 66.2470, 104.2137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 218, 255) }
```

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

```
.background{ background-color: rgb(173,  
218, 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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