

Converting Colors

XYZ(60.2917, 70.1896, 93.4728)

Have a look what the booklet for
XYZ(60.2917, 70.1896, 93.4728)
contains.

XYZ(60.1409, 69.9470, 93.5504)	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(60.1409, 69.9470,
93.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE3F1
RGB	171, 227, 241
RGB Percent	67%, 89%, 95%
CMY	0.3294, 0.1098, 0.0549
CMYK	0.29, 0.06, 0.00, 0.05
HSL	192°, 71%, 81%
HSV	192°, 29%, 95%
XYZ	60.1409, 69.9470, 93.5504
YIQ	211.8520, -37.8700, -7.5180

Conversions

Conversions Part 2

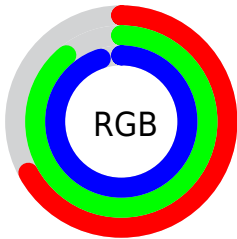
Format	Color
R _Y B	171, 202, 241
Decimal	11265009
CIE Lab	86.97, -14.59, -12.60
CIE LCh	87, 19.273, 220.815
Yxy	69.9470, 0.2689, 0.3128
Android (android.graphics.Color)	4289455089 (0xFFABE3F1)
YUV	211.8520, 14.3700, -35.8272
Hunter-Lab	83.6343, -18.0019, -7.7757

Details

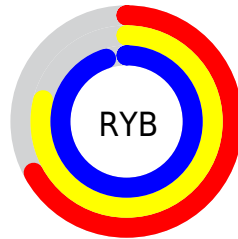
The XYZ color **60.1409, 69.9470, 93.5504** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.9762, 56.3396, 46.1906**, and the grayscale version is **62.4084, 65.6585, 71.5021**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **30.8456, 36.7897, 51.3743** is the 20% darker color. If you saturate the color by 10%, you get **54.0632, 64.8860, 92.8950**, and if you desaturate by 10%, it is **67.2168, 75.5808, 94.2661**.

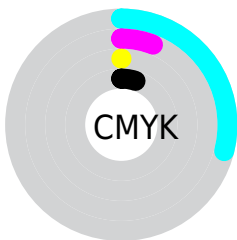
Distribution



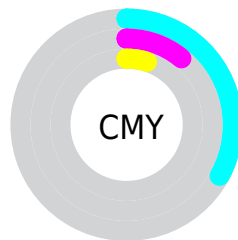
- Red (67%)
- Green (89%)
- Blue (95%)



- Red (67%)
- Yellow (79%)
- Blue (95%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (33%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1409, 69.9470, 93.5504 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 60.1409, 69.9470, 93.5504 by changing the saturation by 10% instead.

60.1409, 69.9470,
93.5504

60.1409, 69.9470,
93.5504

414.9434,
460.3639, 560.3791

43.7821, 51.4833,
70.3389

104.1392,
119.1332, 154.2387

30.6964, 36.5934,
51.3243

132.5095,
150.6245, 192.5525

20.5185, 24.8928,
36.0883

165.6142,
187.2271, 236.7375

12.8829, 15.9972,
24.2121

203.8189,
229.3254, 287.2123

7.4244, 9.5222,
15.2774

247.4887,
277.3039, 344.3952

3.7776, 5.0833,
8.8655

296.9892,

1.5771, 2.2962,

331.5468, 408.7050

4.5580

352.6856,
392.4387, 480.5601

■ 0.3774, 0.7717,
1.9362

■ 0.0000, 0.0000,
0.5156

■ 60.1409, 69.9470,
93.5504

■ 60.1409, 69.9470,
93.5504

■ 54.0632, 64.8860,
92.8950

■ 67.2168, 75.5808,
94.2661

■ 48.9249, 60.3620,
92.2926

■ 75.3330, 81.8043,
95.0396

■ 44.6710, 56.3477,
91.7420

■ 84.5367, 88.6441,
95.8747

■ 41.2376, 52.8099,
91.2401

■ 90.1587, 93.6936,
96.5530

■ 38.5520, 49.7105,
90.7834

■ 91.6459, 96.6679,
97.0487

■ 36.5282, 47.0049,
90.3678

■ 92.8774, 99.1310,
97.4592

■ 35.0359, 44.6252,
89.9872

■ 34.9053, 44.4068,
89.9519

Harmonies

Analogous

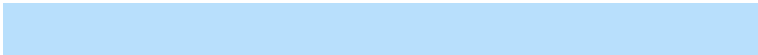
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.3332, 69.9470, 80.9101



60.1409, 69.9470, 93.5504



63.6769, 69.9470, 102.0708

Triad

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



60.1409, 69.9470, 93.5504



75.0024, 69.9470, 84.6055



64.8706, 69.9470, 54.3026

Complementary

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



60.1409, 69.9470, 93.5504



60.9762, 56.3396, 46.1906

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.



69.3694, 69.9470, 55.0538



60.1409, 69.9470, 93.5504



75.3575, 69.9470, 71.6003

Square

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



60.1409, 69.9470, 93.5504



72.3056, 69.9470, 96.5171



73.2550, 69.9470, 61.0712



60.9808, 69.9470, 58.8884

Rectangle

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



60.1409, 69.9470, 93.5504



66.6058, 69.9470, 103.7514



73.2550, 69.9470, 61.0712



66.3594, 69.9470, 53.9537

Sweetspot

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



60.1430, 69.9498, 93.5520



85.6583, 93.0110, 108.0460



56.8856, 75.0236, 56.7404



18.0299, 19.6779, 23.0979



0.0000, 0.0000, 0.0000



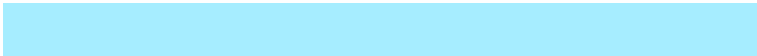
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1430, 69.9498, 93.5520



64.0521, 75.9571, 105.8930



51.7802, 53.2242, 90.7644



15.9633, 17.3606, 20.2312



19.0259, 24.2761, 48.8109



1.6501, 2.1543, 4.0831

Inverse Universe

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



64.7054, 53.3744, 79.5681



70.1393, 54.5650, 87.0735



68.9157, 72.2186, 48.8371



16.3109, 15.9741, 19.1934



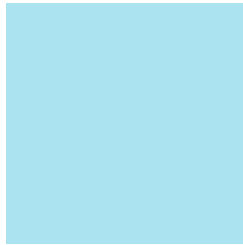
24.9290, 12.2440, 28.6065



2.1079, 1.0322, 2.5589

Previews

White Background



This preview shows how the XYZ color 60.1409, 69.9470, 93.5504 looks on a white background.

Color Contrast Check

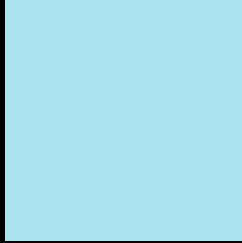
Large Text (above 18pt) WCAG AA × Fail

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 60.1409, 69.9470, 93.5504 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 60.1409, 69.9470, 93.5504

Background



This preview shows how black text looks on a background with the XYZ color 60.1409, 69.9470, 93.5504.

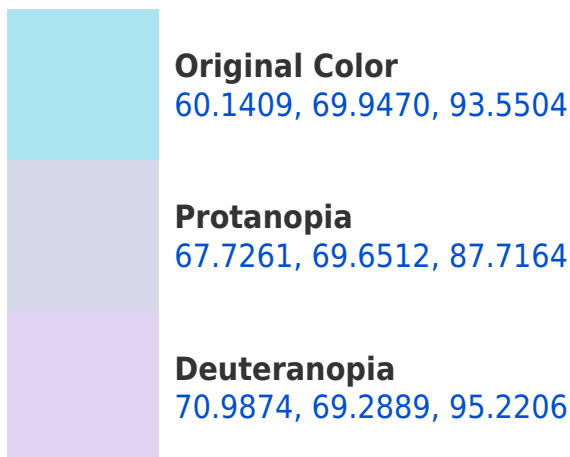


This preview shows how white text looks on a background with the XYZ color 60.1409, 69.9470,

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

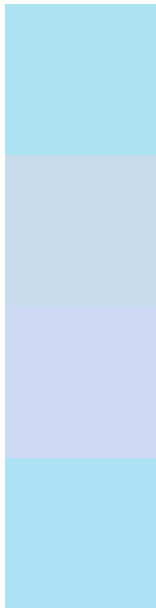




Tritanopia

60.6910, 69.7559, 96.6517

Trichromacy



Original Color

60.1409, 69.9470, 93.5504

Protanomaly

64.6987, 69.5802, 90.1411

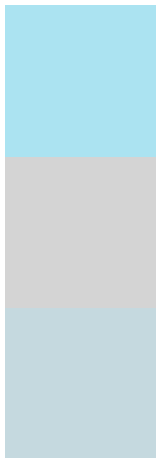
Deuteranomaly

66.4441, 69.2186, 94.6526

Tritanomaly

60.5387, 69.6950, 95.8497

Monochromacy



Original Color

60.1409, 69.9470, 93.5504

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.1581, 66.8237, 79.4869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1409, 69.9470, 93.5504 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(171, 227, 241)` looks like.

```
.text, #text, p{  
    color:rgb(171, 227, 241)  
}
```

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(171, 227, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 227, 241) }
```

Border

The CSS property to change the border of an element to XYZ 60.1409, 69.9470, 93.5504 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(171, 227, 241) }
```


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

```
.border{ border-color:rgb(171, 227, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 227, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 227, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 227, 241);  
box-shadow:4px 4px 4px 4px rgb(171, 227,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1409, 69.9470, 93.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 227, 241) }
```

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

```
.background{ background-color: rgb(171,  
227, 241) }
```

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