

Converting Colors

XYZ(61.3729, 72.5694, 94.9740)

Have a look what the booklet for
XYZ(61.3729, 72.5694, 94.9740)
contains.

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Color

**XYZ(61.4612, 72.6701,
94.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	AAE8F2
RGB	170, 232, 242
RGB Percent	67%, 91%, 95%
CMY	0.3333, 0.0902, 0.0510
CMYK	0.30, 0.04, 0.00, 0.05
HSL	188°, 73%, 81%
HSV	188°, 30%, 95%
XYZ	61.4612, 72.6701, 94.7918
YIQ	214.6020, -40.1620, -10.0340

Conversions

Conversions Part 2

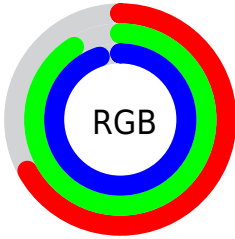
Format	Color
R_{YB}	170, 203, 242
Decimal	11200754
CIE _{Lab}	88.29, -17.15, -11.16
CIE _{LCh}	88, 20.465, 213.047
Yxy	72.6701, 0.2685, 0.3174
Android (android.graphics.Color)	4289390834 (0xFFAAE8F2)
YUV	214.6020, 13.5072, -39.1160
Hunter-Lab	85.2468, -20.4869, -6.2559

Details

The XYZ color **61.4612, 72.6701, 94.7918** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.1959, 54.4226, 45.3638**, and the grayscale version is **64.2551, 67.6014, 73.6179**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **31.4585, 38.2407, 52.1775** is the 20% darker color. If you saturate the color by 10%, you get **55.7673, 68.3457, 94.2584**, and if you desaturate by 10%, it is **68.1405, 77.5329, 95.3796**.

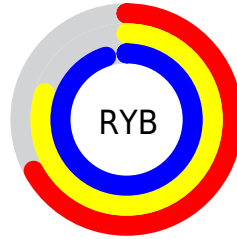
Distribution



Red (67%)

Green (91%)

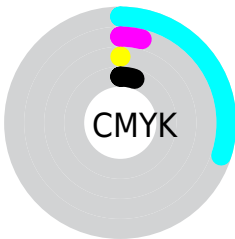
Blue (95%)



Red (67%)

Yellow (80%)

Blue (95%)

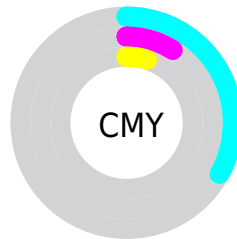


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4612, 72.6701, 94.7918 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 61.4612, 72.6701, 94.7918 by changing the saturation by 10% instead.

61.4612, 72.6701,
94.7918

61.4612, 72.6701,
94.7918

419.7119,
469.8706, 564.4655

44.8514, 53.7063,
71.3658

106.0408,
123.0088, 155.9700

31.5412, 38.3669,
52.1571

134.7413,
155.1524, 194.5593

21.1651, 26.2675,
36.7472

168.2028,
192.4580, 239.0401

13.3579, 17.0239,
24.7176

206.7905,
235.3101, 289.8310

7.7542, 10.2515,
15.6497

250.8700,
284.0930, 347.3504

3.9885, 5.5661,
9.1249

300.8065,

1.6956, 2.5831,

339.1911, 412.0169

4.7248

356.9653,
400.9889, 484.2491

■ 0.4535, 0.9182,
2.0308

■ 0.0000, 0.0000,
0.5741

■ 61.4612, 72.6701,
94.7918

■ 61.4612, 72.6701,
94.7918

■ 55.7673, 68.3457,
94.2584

■ 68.1405, 77.5329,
95.3796

■ 50.9992, 64.5236,
93.7720

■ 75.8476, 82.9507,
96.0191

■ 47.1010, 61.1764,
93.3314

■ 84.6303, 88.9501,
96.7142

■ 44.0080, 58.2708,
92.9336

■ 90.0546, 93.2456,
97.2574

■ 41.6462, 55.7683,
92.5750

■ 91.0829, 95.3022,
97.6002

■ 39.9275, 53.6235,
92.2516

■ 92.1298, 97.3960,
97.9492

■ 38.7085, 51.7622,
91.9566

■ 93.0272, 99.1909,
98.2483

■ 38.6805, 51.7174,
91.9494

Harmonies

Analogous

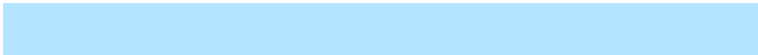
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.0723, 72.6701, 80.5701



61.4612, 72.6701, 94.7918



64.8825, 72.6701, 105.7336

Triad

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



61.4612, 72.6701, 94.7918



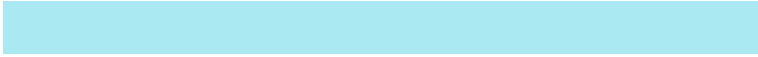
77.8255, 72.6701, 92.0138



68.5705, 72.6701, 55.0966

Complementary

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



61.4612, 72.6701, 94.7918



60.1959, 54.4226, 45.3638

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.



73.4355, 72.6701, 57.4036



61.4612, 72.6701, 94.7918



78.9258, 72.6701, 77.6980

Square

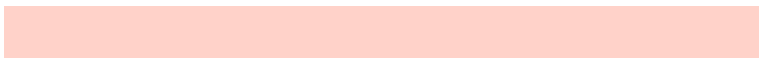
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.4612, 72.6701, 94.7918



74.3439, 72.6701, 104.0010



77.2838, 72.6701, 65.2878



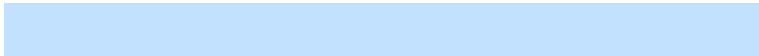
64.0530, 72.6701, 58.5708

Rectangle

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



61.4612, 72.6701, 94.7918



67.9350, 72.6701, 109.0878



77.2838, 72.6701, 65.2878



70.2191, 72.6701, 55.2228

Sweetspot

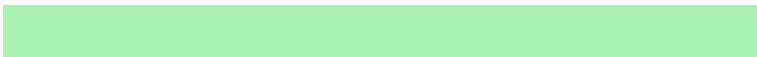
The Sweet Spot groups the original color and five complimentary colors.



61.4634, 72.6730, 94.7935



86.0968, 93.8878, 108.1921



56.5287, 75.3307, 54.5292



18.1385, 19.8952, 23.1341



0.0000, 0.0000, 0.0000



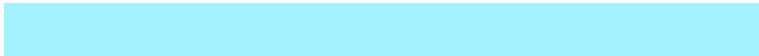
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4634, 72.6730, 94.7935



65.0228, 78.6828, 106.3680



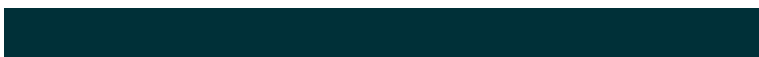
52.4364, 54.6191, 91.7845



16.0493, 17.5328, 20.2599



20.8549, 27.9340, 49.4205



1.7859, 2.4259, 4.1283

Inverse Universe

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



65.5599, 53.4546, 83.2096



70.4378, 53.9515, 90.9052



68.3286, 70.6881, 48.0747



16.3543, 15.9915, 19.4222



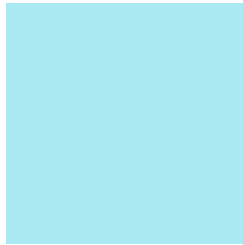
25.8522, 12.6133, 33.4679



2.1764, 1.0596, 2.9198

Previews

White Background



This preview shows how the XYZ color 61.4612, 72.6701, 94.7918 looks on a white background.

Color Contrast Check

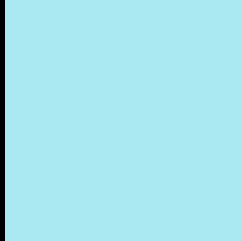
Large Text (above 18pt) WCAG AA × Fail

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 61.4612, 72.6701, 94.7918 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 61.4612, 72.6701, 94.7918

Background



This preview shows how black text looks on a background with the XYZ color 61.4612, 72.6701, 94.7918.

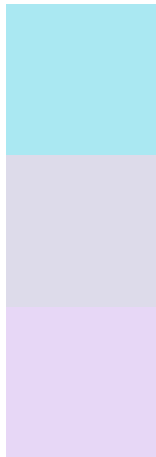


This preview shows how white text looks on a background with the XYZ color 61.4612, 72.6701,

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

61.4612, 72.6701, 94.7918

Protanopia

70.0016, 71.9757, 88.0451

Deuteranopia

73.8900, 72.2436, 97.2388



Tritanopia

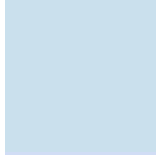
62.6881, 72.7620, 100.3630

Trichromacy



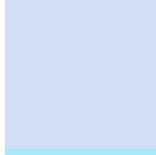
Original Color

61.4612, 72.6701, 94.7918



Protanomaly

66.2988, 71.9823, 90.5204



Deuteranomaly

68.6324, 71.8608, 96.6394



Tritanomaly

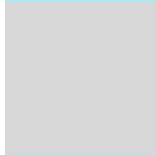
62.0051, 72.4636, 97.9076

Monochromacy



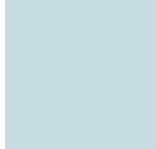
Original Color

61.4612, 72.6701, 94.7918



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

63.0002, 69.2913, 81.2882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4612, 72.6701, 94.7918 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(170, 232, 242)` looks like.

```
.text, #text, p{  
    color:rgb(170, 232, 242)  
}
```

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(170, 232, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 232, 242) }
```

Border

The CSS property to change the border of an element to XYZ 61.4612, 72.6701, 94.7918 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(170, 232, 242) }
```


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

```
.border{ border-color:rgb(170, 232, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 232, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 232, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 232, 242);  
box-shadow:4px 4px 4px 4px rgb(170, 232,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4612, 72.6701, 94.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 232, 242) }
```

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

```
.background{ background-color: rgb(170,  
232, 242) }
```

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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