

Converting Colors

XYZ(61.2698, 71.8686, 93.0698)

Have a look what the booklet for
XYZ(61.2698, 71.8686, 93.0698)
contains.

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Color

**XYZ(61.2586, 71.7691,
93.0622)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE6F0
RGB	173, 230, 240
RGB Percent	68%, 90%, 94%
CMY	0.3216, 0.0980, 0.0588
CMYK	0.28, 0.04, 0.00, 0.06
HSL	189°, 69%, 81%
HSV	189°, 28%, 94%
XYZ	61.2586, 71.7691, 93.0622
YIQ	214.0970, -37.1820, -8.9740

Conversions

Conversions Part 2

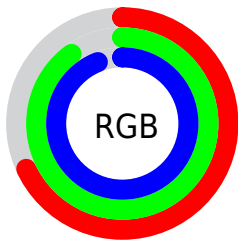
Format	Color
R _Y B	173, 204, 240
Decimal	11396848
CIE Lab	87.86, -15.76, -10.74
CIE LCh	88, 19.074, 214.260
Yxy	71.7691, 0.2709, 0.3174
Android (android.graphics.Color)	4289586928 (0xFFADE6F0)
YUV	214.0970, 12.7702, -36.0421
Hunter-Lab	84.7166, -19.1808, -5.8291

Details

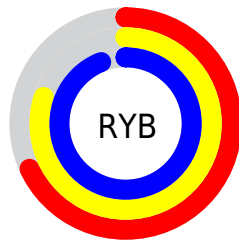
The XYZ color **61.2586, 71.7691, 93.0622** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.4125, 55.4100, 47.0480**, and the grayscale version is **63.9182, 67.2469, 73.2319**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **31.3955, 37.6547, 50.9608** is the 20% darker color. If you saturate the color by 10%, you get **55.4350, 67.3043, 92.5085**, and if you desaturate by 10%, it is **68.0602, 76.7720, 93.6706**.

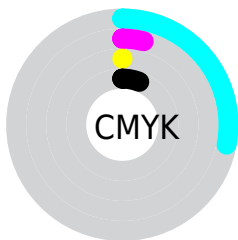
Distribution



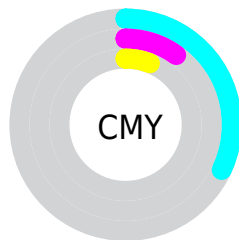
- Red (68%)
- Green (90%)
- Blue (94%)



- Red (68%)
- Yellow (80%)
- Blue (94%)



- Cyan (28%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (32%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2586, 71.7691, 93.0622 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 61.2586, 71.7691, 93.0622 by changing the saturation by 10% instead.

61.2586, 71.7691,
93.0622

61.2586, 71.7691,
93.0622

418.9823,
466.7375, 558.7676

44.6872, 52.9701,
69.9352

105.7493,
121.7282, 153.5572

31.4114, 37.7789,
50.9973

134.3993,
153.6571, 191.7623

21.0657, 25.8111,
35.8297

167.8062,
190.7313, 235.8305

13.2847, 16.6824,
24.0141

206.3355,
233.3354, 286.1804

7.7033, 10.0083,
15.1318

250.3523,
281.8536, 343.2306

3.9559, 5.4045,
8.7643

300.2222,

1.6772, 2.4865,

336.6705, 407.3994

4.4930

356.3104,
398.1703, 479.1056

■ 0.4419, 0.8699,
1.8995

■ 0.0000, 0.0000,
0.4924

■ 61.2586, 71.7691,
93.0622

■ 61.2586, 71.7691,
93.0622

■ 55.4350, 67.3043,
92.5085

■ 68.0602, 76.7720,
93.6706

■ 50.5317, 63.3424,
92.0023

■ 75.8808, 82.3291,
94.3310

■ 46.4951, 59.8573,
91.5423

■ 84.7667, 88.4660,
95.0472

■ 43.2630, 56.8168,
91.1258

■ 89.4182, 92.4510,
95.5712

■ 40.7648, 54.1843,
90.7493

■ 90.5083, 94.6311,
95.9346

■ 38.9173, 51.9168,
90.4090

■ 91.6194, 96.8533,
96.3049

■ 37.6069, 49.9555,
90.0995

■ 92.7284, 99.0714,
96.6746

■ 37.3663, 49.5671,
90.0372

Harmonies

Analogous

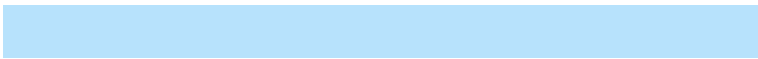
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.8832, 71.7691, 80.0141



61.2586, 71.7691, 93.0622



64.4973, 71.7691, 102.8659

Triad

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



61.2586, 71.7691, 93.0622



76.3740, 71.7691, 89.4988



67.5687, 71.7691, 55.7930

Complementary

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



61.2586, 71.7691, 93.0622



60.4125, 55.4100, 47.0480

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.



72.0716, 71.7691, 57.7395



61.2586, 71.7691, 93.0622



77.2845, 71.7691, 76.3040

Square

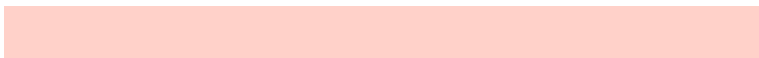
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.2586, 71.7691, 93.0622



73.2417, 71.7691, 100.6538



75.6777, 71.7691, 64.9125



63.4225, 71.7691, 59.2690

Rectangle

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



61.2586, 71.7691, 93.0622



67.3460, 71.7691, 105.7176



75.6777, 71.7691, 64.9125



69.0902, 71.7691, 55.8380

Sweetspot

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



61.2607, 71.7720, 93.0638



86.9756, 94.4073, 108.2461



56.8318, 74.5805, 55.6217



18.3103, 19.9923, 23.1438



0.0000, 0.0000, 0.0000



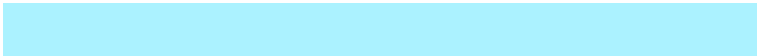
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2607, 71.7720, 93.0638



66.6962, 79.6296, 106.4625



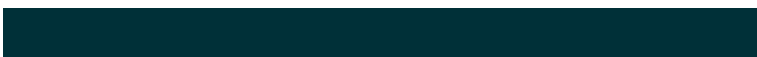
53.0585, 55.3676, 90.3298



16.0347, 17.5035, 20.2550



20.5325, 27.2893, 49.3131



1.7622, 2.3783, 4.1204

Inverse Universe

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



65.1634, 54.1274, 81.8792



71.8683, 56.7667, 91.5232



67.8903, 70.3658, 49.5407



16.3470, 15.9885, 19.3833



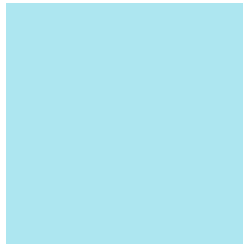
25.6895, 12.5482, 32.6111



2.1644, 1.0548, 2.8566

Previews

White Background



This preview shows how the XYZ color 61.2586, 71.7691, 93.0622 looks on a white background.

Color Contrast Check

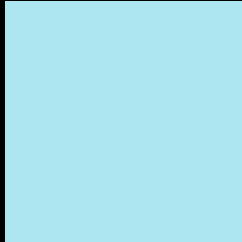
Large Text (above 18pt) WCAG AA × Fail

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 61.2586, 71.7691, 93.0622 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 61.2586, 71.7691, 93.0622

Background



This preview shows how black text looks on a background with the XYZ color 61.2586, 71.7691, 93.0622.

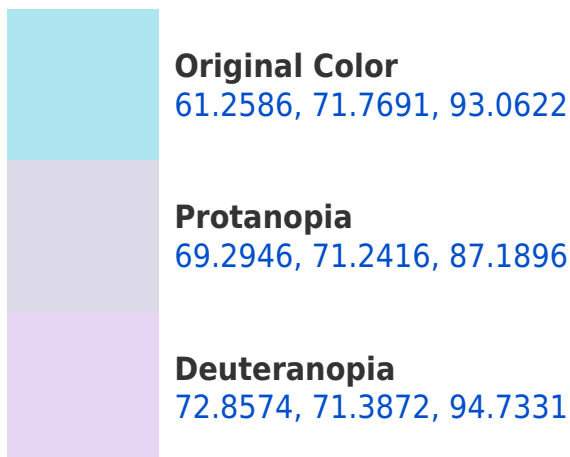


This preview shows how white text looks on a background with the XYZ color 61.2586, 71.7691,

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

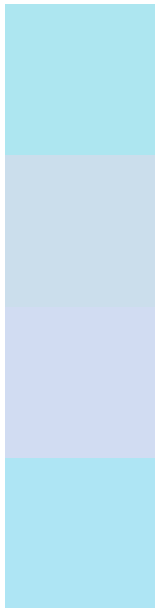




Tritanopia

62.4870, 71.8680, 98.5742

Trichromacy



Original Color

61.2586, 71.7691, 93.0622

Protanomaly

65.8902, 70.9952, 89.5875

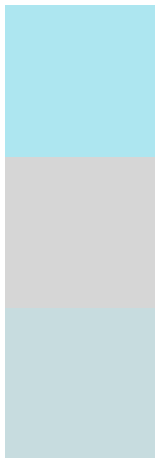
Deuteranomaly

67.9147, 71.1525, 94.1587

Tritanomaly

61.8040, 71.5689, 96.1447

Monochromacy



Original Color

61.2586, 71.7691, 93.0622

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.4657, 68.6562, 79.7717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2586, 71.7691, 93.0622 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, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(173, 230, 240)  
}
```

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, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 230, 240) }
```

Border

The CSS property to change the border of an element to XYZ 61.2586, 71.7691, 93.0622 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, 230, 240) }
```


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

```
.border{ border-color:rgb(173, 230, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 230, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 230, 240); box-shadow:4px 4px 4px 4px rgb(173, 230, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2586, 71.7691, 93.0622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 230, 240) }
```

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

```
.background{ background-color: rgb(173,  
230, 240) }
```

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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