

Converting Colors

XYZ(61.2538, 74.3692, 85.8649)

Have a look what the booklet for
XYZ(61.2538, 74.3692, 85.8649)
contains.

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Color

**XYZ(61.2916, 74.4747,
86.0076)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ACECE6 |
| RGB | 172, 236, 230 |
| RGB Percent | 67%, 93%, 90% |
| CMY | 0.3255, 0.0745, 0.0980 |
| CMYK | 0.27, 0.00, 0.03, 0.07 |
| HSL | 174°, 63%, 80% |
| HSV | 174°, 27%, 93% |
| XYZ | 61.2916, 74.4747, 86.0076 |
| YIQ | 216.1800, -36.2180, -15.4340 |

Conversions

Conversions Part 2

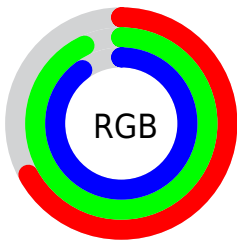
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 172, 206, 236 |
| Decimal | 11332838 |
| CIE Lab | 89.15, -21.24, -3.59 |
| CIE LCh | 89, 21.545, 189.599 |
| Yxy | 74.4747, 0.2764, 0.3358 |
| Android (android.graphics.Color) | 4289522918 (0xFFACECE6) |
| YUV | 216.1800, 6.8133, -38.7459 |
| Hunter-Lab | 86.2987, -24.2474, 1.3191 |

Details

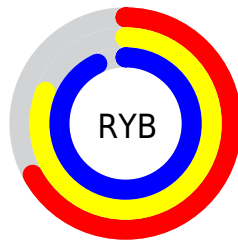
The XYZ color **61.2916, 74.4747, 86.0076** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.3830, 50.5543, 48.8559**, and the grayscale version is **65.3673, 68.7715, 74.8921**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **31.5303, 39.5892, 46.5371** is the 20% darker color. If you saturate the color by 10%, you get **56.2566, 71.9166, 84.1610**, and if you desaturate by 10%, it is **67.2547, 77.5145, 87.9214**.

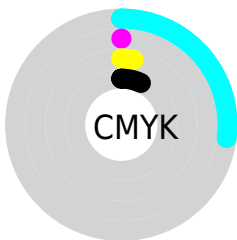
Distribution



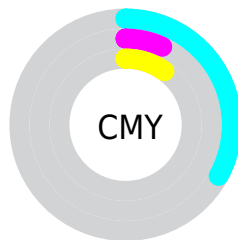
- Red (67%)
- Green (93%)
- Blue (90%)



- Red (67%)
- Yellow (81%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2916, 74.4747, 86.0076 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 61.2916, 74.4747, 86.0076 by changing the saturation by 10% instead.

61.2916, 74.4747,
86.0076

61.2916, 74.4747,
86.0076

419.1012,
476.1101, 535.1876

44.7140, 55.1827,
64.1193

105.7968,
125.5685, 143.6667

31.4325, 39.5480,
46.3005

134.4550,
158.1390, 180.2747

21.0819, 27.1863,
32.1327

167.8708,
195.9045, 222.6262

13.2967, 17.7132,
21.1972

206.4096,
239.2494, 271.1400

7.7115, 10.7443,
13.0756

250.4367,
288.5580, 326.2345

3.9612, 5.8951,
7.3493

300.3174,

1.6802, 2.7814,

344.2147, 388.3282

3.5997

356.4171,
406.6039, 457.8397

0.4438, 1.0187,
1.4084

0.0000, 0.0000,
0.1483

61.2916, 74.4747,
86.0076

61.2916, 74.4747,
86.0076

56.2566, 71.9166,
84.1610

67.2547, 77.5145,
87.9214

52.0944, 69.8062,
82.3742


74.1844, 81.0503,
89.8996

48.7542, 68.1191,
80.6463


82.1251, 85.1069,
91.9458


46.1769, 66.8247,
78.9745


86.7954, 87.4770,
93.8598


 44.2956, 65.8888,
77.3556


 87.1243, 87.6085,
95.5915


 43.0320, 65.2708,
75.7858


 87.4572, 87.7417,
97.3444

 42.2844, 64.9184,
74.2604

 87.7941, 87.8764,
99.1185

 42.1177, 64.8419,
73.8269

 88.1350, 88.0128,
100.9140

 88.4800, 88.1508,
102.7308

Harmonies

Analogous

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



61.7395, 74.4747, 71.4240



61.2916, 74.4747, 86.0076



63.2890, 74.4747, 100.9500

Triad

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



61.2916, 74.4747, 86.0076



77.4176, 74.4747, 105.4692



74.3635, 74.4747, 56.8988

Complementary

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



61.2916, 74.4747, 86.0076



57.3830, 50.5543, 48.8559

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.



78.8527, 74.4747, 64.0226



61.2916, 74.4747, 86.0076



80.6756, 74.4747, 91.5915

Square

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



61.2916, 74.4747, 86.0076



72.4827, 74.4747, 113.0676



81.2134, 74.4747, 76.3641



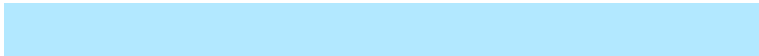
69.1159, 74.4747, 55.7938

Rectangle

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



61.2916, 74.4747, 86.0076



65.7994, 74.4747, 108.6698



81.2134, 74.4747, 76.3641



76.0184, 74.4747, 58.6228

Sweetspot

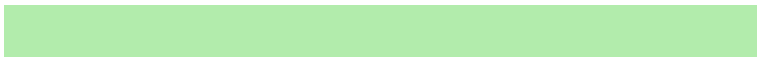
The Sweet Spot groups the original color and five complimentary colors.



61.2938, 74.4777, 86.0093



87.6325, 96.2115, 106.9529



55.8961, 72.4849, 50.0760



18.4771, 20.4504, 22.8152



0.0000, 0.0000, 0.0000



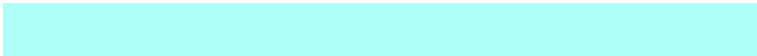
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2938, 74.4777, 86.0093



69.3270, 86.8831, 101.1989



55.3012, 61.1202, 88.2430



15.4532, 17.0961, 19.0694



23.2411, 35.7509, 40.8304



1.8428, 2.8144, 3.2998

Inverse Universe

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



57.3830, 50.5543, 48.8559



63.8852, 53.5734, 49.4850



62.1438, 61.0194, 47.5336



15.1228, 15.0770, 15.9322



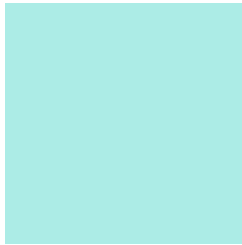
19.1688, 9.8702, 1.4244



1.5248, 0.7829, 0.2150

Previews

White Background



This preview shows how the XYZ color 61.2916, 74.4747, 86.0076 looks on a white background.

Color Contrast Check

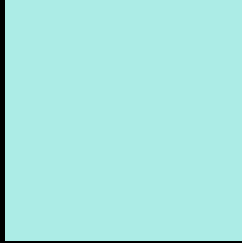
Large Text (above 18pt) WCAG AA × Fail

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 61.2916, 74.4747, 86.0076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

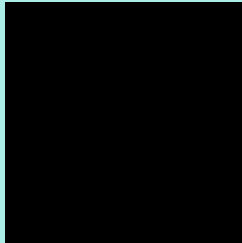
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

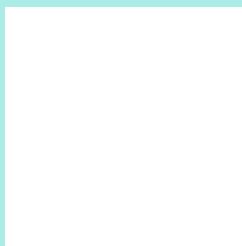
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2916, 74.4747, 86.0076

Background



This preview shows how black text looks on a background with the XYZ color 61.2916, 74.4747, 86.0076.

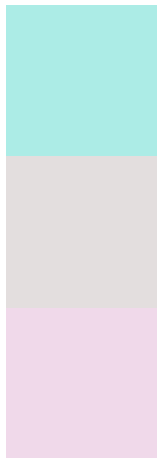


This preview shows how white text looks on a background with the XYZ color 61.2916, 74.4747,

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

61.2916, 74.4747, 86.0076

Protanopia

70.9846, 73.8474, 79.6199

Deuteranopia

75.5993, 74.0915, 88.1585



Tritanopia

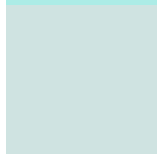
64.6830, 74.5900, 102.2549

Trichromacy



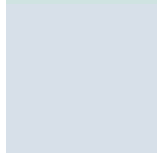
Original Color

61.2916, 74.4747, 86.0076



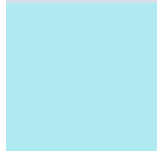
Protanomaly

66.7918, 73.6398, 81.9278



Deuteranomaly

69.3880, 73.6416, 87.6479



Tritanomaly

63.2797, 74.4307, 95.8254

Monochromacy



Original Color

61.2916, 74.4747, 86.0076



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.2582, 70.2752, 78.6370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2916, 74.4747, 86.0076 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, 236, 230)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 230)  
}
```

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, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 230) }
```

Border

The CSS property to change the border of an element to XYZ 61.2916, 74.4747, 86.0076 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, 236, 230) }
```


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

```
.border{ border-color:rgb(172, 236, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 236, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2916, 74.4747, 86.0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 230) }
```

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

```
.background{ background-color: rgb(172,  
236, 230) }
```

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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