

Converting Colors

XYZ(60.5021, 74.9563, 81.3221)

Have a look what the booklet for
XYZ(60.5021, 74.9563, 81.3221)
contains.

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Color

**XYZ(60.4714, 75.0228,
81.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	AAEEDF
RGB	170, 238, 223
RGB Percent	67%, 93%, 87%
CMY	0.3333, 0.0666, 0.1255
CMYK	0.29, 0.00, 0.06, 0.07
HSL	167°, 67%, 80%
HSV	167°, 29%, 93%
XYZ	60.4714, 75.0228, 81.1057
YIQ	215.9580, -35.7130, -19.0810

Conversions

Conversions Part 2

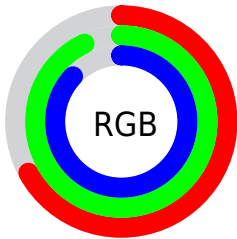
Format	Color
RYB	170, 208, 238
Decimal	11202271
CIELab	89.40, -24.29, 0.43
CIELCh	89, 24.292, 178.981
Yxy	75.0228, 0.2792, 0.3464
Android (android.graphics.Color)	4289392351 (0xFFAAEEDF)
YUV	215.9580, 3.4717, -40.3052
Hunter-Lab	86.6157, -26.9564, 5.1127

Details

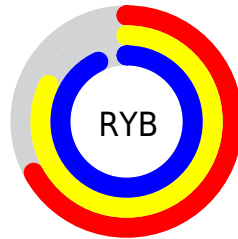
The XYZ color **60.4714, 75.0228, 81.1057** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.3942, 50.4315, 52.5586**, and the grayscale version is **65.2379, 68.6354, 74.7439**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **30.9983, 39.9961, 43.1320** is the 20% darker color. If you saturate the color by 10%, you get **55.0882, 72.3302, 77.2165**, and if you desaturate by 10%, it is **66.8122, 78.2105, 85.1576**.

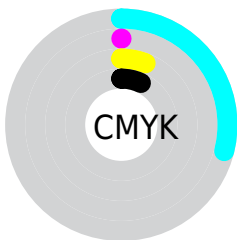
Distribution



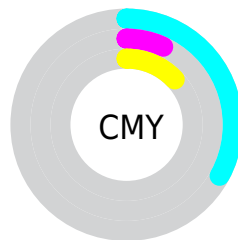
- Red (67%)
- Green (93%)
- Blue (87%)



- Red (67%)
- Yellow (82%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4714, 75.0228, 81.1057 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 60.4714, 75.0228, 81.1057 by changing the saturation by 10% instead.


 60.4714, 75.0228,
81.1057

 60.4714, 75.0228,
81.1057


416.1401,
477.9959, 518.4561

 44.0496, 55.6316,
60.0971

 104.6156,
126.3446, 136.7446

 30.9076, 39.9076,
43.0711


133.0688,
159.0440, 172.2120

 20.6800, 27.4665,
29.6091


166.2632,
196.9483, 213.3361

 13.0014, 17.9239,
19.2926

204.5641,
240.4417, 260.5354

 7.5065, 10.8954,
11.7029

248.3369,
289.9089, 314.2286

 3.8300, 5.9965,
6.4216


297.9469,

 1.6064, 2.8430,


345.7340, 374.8340


3.0302


353.7595,
408.3016, 442.7703

 0.3966, 1.0503,
1.1101


 0.0000, 0.0000,
0.0000


 60.4714, 75.0228,
81.1057

 60.4714, 75.0228,
81.1057


 55.0882, 72.3302,
77.2165


 66.8122, 78.2105,
85.1576


 50.6058, 70.0974,
73.4814

 74.1510, 81.9081,
89.3702

 46.9709, 68.2991,
69.8986

 82.5333, 86.1412,
93.7483

 44.1224, 66.9037,
66.4641

 88.1458, 88.9437,
98.1144

■ 41.9902, 65.8751,
63.1735

■ 88.9548, 89.2673,
102.3743

■ 40.4918, 65.1709,
60.0220

■ 89.7866, 89.6000,
106.7547

■ 39.5074, 64.7292,
57.0029

■ 89.8658, 89.6317,
107.1719

■ 39.3852, 64.6754,
56.5812

Harmonies

Analogous

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



61.9471, 75.0228, 65.9426



60.4714, 75.0228, 81.1057



61.7620, 75.0228, 98.6084

Triad

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



60.4714, 75.0228, 81.1057



76.9935, 75.0228, 113.8236



77.3650, 75.0228, 56.7076

Complementary

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



60.4714, 75.0228, 81.1057



58.3942, 50.4315, 52.5586

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.



81.7878, 75.0228, 66.8216



60.4714, 75.0228, 81.1057



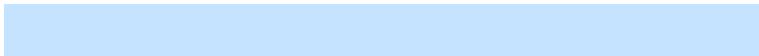
81.5650, 75.0228, 99.7571

Square

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



60.4714, 75.0228, 81.1057



71.1036, 75.0228, 119.0111



83.3652, 75.0228, 82.2712



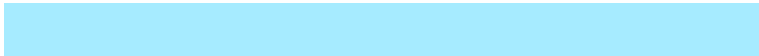
71.5106, 75.0228, 53.1175

Rectangle

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



60.4714, 75.0228, 81.1057



64.0605, 75.0228, 108.9781



83.3652, 75.0228, 82.2712



79.0802, 75.0228, 59.3811

Sweetspot

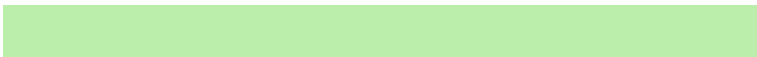
The Sweet Spot groups the original color and five complimentary colors.



60.4735, 75.0259, 81.1074



86.3003, 95.5823, 104.2912



58.0499, 74.4769, 49.3475



18.1893, 20.3160, 22.1663



0.0000, 0.0000, 0.0000



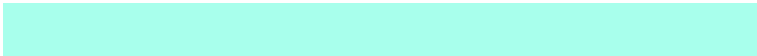
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4735, 75.0259, 81.1074



67.0941, 85.9265, 92.3086



57.5707, 65.8382, 90.5661



16.0894, 17.8658, 19.4936



22.0225, 36.1010, 31.8313



1.8685, 3.0178, 2.8397

Inverse Universe

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



58.3942, 50.4315, 52.5586



64.3136, 52.9824, 54.0913



60.5298, 57.1051, 45.8638



15.9156, 15.8159, 17.1116



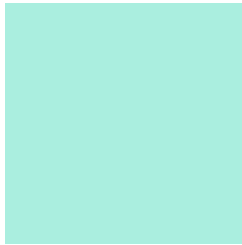
20.0631, 10.2977, 2.9832



1.7052, 0.8711, 0.4383

Previews

White Background



This preview shows how the XYZ color 60.4714, 75.0228, 81.1057 looks on a white background.

Color Contrast Check

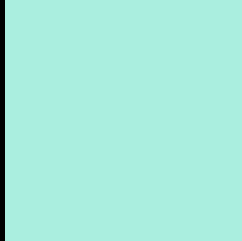
Large Text (above 18pt) WCAG AA × Fail

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 60.4714, 75.0228, 81.1057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

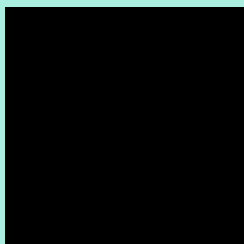
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

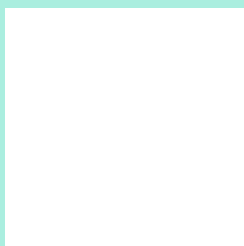
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4714, 75.0228, 81.1057

Background



This preview shows how black text looks on a background with the XYZ color 60.4714, 75.0228, 81.1057.

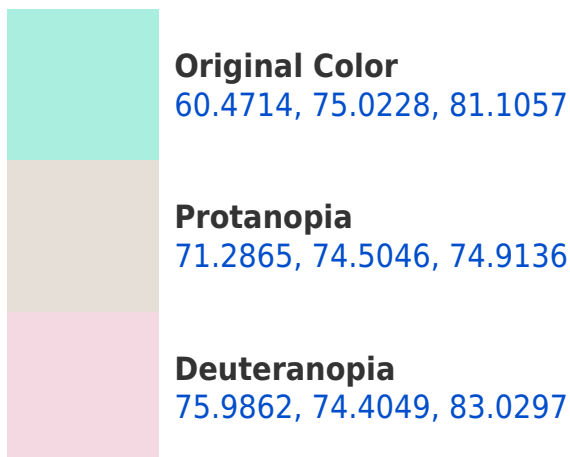


This preview shows how white text looks on a background with the XYZ color 60.4714, 75.0228,

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

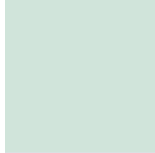
64.8980, 75.1040, 103.1715

Trichromacy



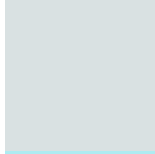
Original Color

60.4714, 75.0228, 81.1057



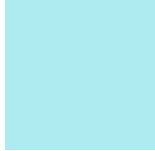
Protanomaly

66.4107, 73.9587, 77.1049



Deuteranomaly

69.2680, 74.0931, 82.6021



Tritanomaly

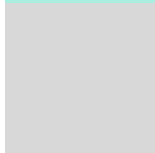
63.0411, 74.7662, 94.3278

Monochromacy



Original Color

60.4714, 75.0228, 81.1057



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.9950, 70.5679, 77.3186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4714, 75.0228, 81.1057 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, 238, 223)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 223)  
}
```

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, 238, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 223) }
```

Border

The CSS property to change the border of an element to XYZ 60.4714, 75.0228, 81.1057 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, 238, 223) }
```


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

```
.border{ border-color:rgb(170, 238, 223) }
```

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

Here you see how a box with a 4 pixel rgb(170, 238, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 223);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4714, 75.0228, 81.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 223) }
```

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

```
.background{ background-color: rgb(170,  
238, 223) }
```

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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