

Converting Colors

XYZ(60.0037, 72.5765, 80.0214)

Have a look what the booklet for
XYZ(60.0037, 72.5765, 80.0214)
contains.

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Color

**XYZ(60.0029, 72.6657,
79.9706)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE9DE
RGB	175, 233, 222
RGB Percent	69%, 91%, 87%
CMY	0.3137, 0.0863, 0.1294
CMYK	0.25, 0.00, 0.05, 0.09
HSL	169°, 57%, 80%
HSV	169°, 25%, 91%
XYZ	60.0029, 72.6657, 79.9706
YIQ	214.4040, -31.0370, -15.7170

Conversions

Conversions Part 2

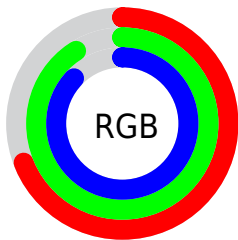
Format	Color
R _Y B	175, 207, 233
Decimal	11528670
CIE Lab	88.29, -20.59, -0.64
CIE LCh	88, 20.602, 181.785
Yxy	72.6657, 0.2822, 0.3417
Android (android.graphics.Color)	4289718750 (0xFFAFE9DE)
YUV	214.4040, 3.7448, -34.5573
Hunter-Lab	85.2442, -23.5322, 4.0489

Details

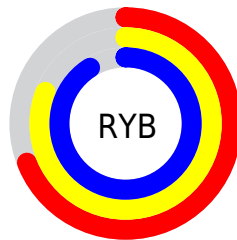
The XYZ color **60.0029, 72.6657, 79.9706** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.7997, 51.5307, 53.3574**, and the grayscale version is **64.1808, 67.5232, 73.5328**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **30.5823, 38.2992, 42.3399** is the 20% darker color. If you saturate the color by 10%, you get **54.6336, 69.9672, 76.6685**, and if you desaturate by 10%, it is **66.2942, 75.8416, 83.4001**.

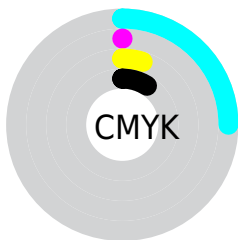
Distribution



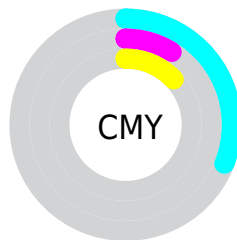
- Red (69%)
- Green (91%)
- Blue (87%)



- Red (69%)
- Yellow (81%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)





- Cyan (31%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0029, 72.6657, 79.9706 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 60.0029, 72.6657, 79.9706 by changing the saturation by 10% instead.


 60.0029, 72.6657,
79.9706

 60.0029, 72.6657,
79.9706


414.4430,
469.8554, 514.5379

 43.6704, 53.7027,
59.1681


 103.9402,
123.0025, 135.1354

 30.6083, 38.3640,
42.3276


132.2757,
155.1451, 170.3349

 20.4511, 26.2653,
29.0304


165.3430,
192.4496, 211.1704

 12.8336, 17.0222,
18.8580

203.5074,
235.3005, 258.0605

 7.3902, 10.2503,
11.3920

247.1343,
284.0821, 311.4238

 3.7558, 5.5653,
6.2137

296.5889,

 1.5649, 2.5826,

339.1788, 371.6787

2.9045

352.2367,
400.9751, 439.2439

■ 0.3694, 0.9179,
1.0461

■ 0.0000, 0.0000,
0.0000

■ 60.0029, 72.6657,
79.9706

■ 60.0029, 72.6657,
79.9706

■ 54.6336, 69.9672,
76.6685

■ 66.2942, 75.8416,
83.4001

■ 50.1336, 67.7131,
73.4859


■ 73.5445, 79.5080,
86.9546


■ 46.4544, 65.8805,
70.4217


■ 81.7961, 83.6889,
90.6382


■ 43.5402, 64.4404,
67.4725


■ 86.0612, 85.8128,
94.2182


 41.3281, 63.3605,
64.6347


 86.7248, 86.0783,
97.7130


 39.7450, 62.6032,
61.9043

 87.4046, 86.3502,
101.2927

 38.7011, 62.1221,
59.2765

 88.1006, 86.6286,
104.9578

 38.3042, 61.9460,
57.9705

 88.4302, 86.7604,
106.6934

Harmonies

Analogous

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



61.0319, 72.6657, 66.9461



60.0029, 72.6657, 79.9706



61.3047, 72.6657, 94.3281

Triad

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



60.0029, 72.6657, 79.9706



74.1903, 72.6657, 104.5639



73.6544, 72.6657, 57.4934

Complementary

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



60.0029, 72.6657, 79.9706



57.7997, 51.5307, 53.3574

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.



77.4575, 72.6657, 65.6423



60.0029, 72.6657, 79.9706



77.7771, 72.6657, 92.6882

Square

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



60.0029, 72.6657, 79.9706



69.3627, 72.6657, 109.5366



78.9999, 72.6657, 78.2766



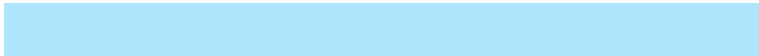
68.7712, 72.6657, 54.9310

Rectangle

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



60.0029, 72.6657, 79.9706



63.3569, 72.6657, 102.4706



78.9999, 72.6657, 78.2766



75.1094, 72.6657, 59.6180

Sweetspot

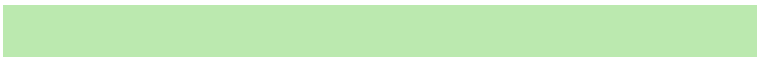
The Sweet Spot groups the original color and five complimentary colors.



60.0050, 72.6687, 79.9722



88.2447, 96.5542, 105.7608



57.2748, 71.8904, 51.4162



18.7685, 20.6061, 22.5800



0.0000, 0.0000, 0.0000



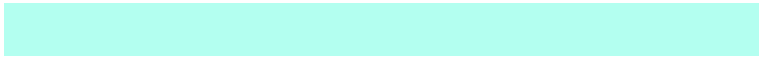
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0050, 72.6687, 79.9722



70.0358, 87.3646, 95.9905



56.8429, 63.9067, 86.4335



15.3880, 17.0700, 18.7261



21.7774, 35.1654, 33.1224



1.7416, 2.7739, 2.7670

Inverse Universe

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



57.7997, 51.5307, 53.3574



66.8870, 57.1509, 57.9650



60.2821, 58.2962, 48.6337



15.1822, 15.1007, 16.2448



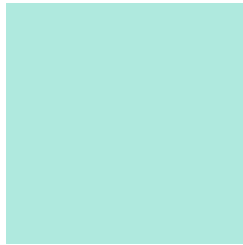
19.3615, 9.9473, 2.4392



1.5529, 0.7941, 0.3631

Previews

White Background



This preview shows how the XYZ color 60.0029, 72.6657, 79.9706 looks on a white background.

Color Contrast Check

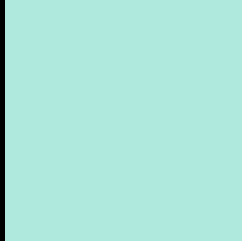
Large Text (above 18pt) WCAG AA × Fail

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 60.0029, 72.6657, 79.9706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

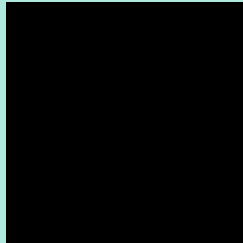
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

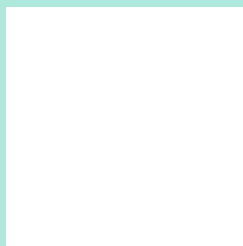
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0029, 72.6657, 79.9706

Background



This preview shows how black text looks on a background with the XYZ color 60.0029, 72.6657, 79.9706.

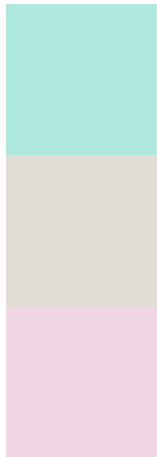


This preview shows how white text looks on a background with the XYZ color 60.0029, 72.6657,

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

60.0029, 72.6657, 79.9706

Protanopia

69.2230, 72.2614, 74.5894

Deuteranopia

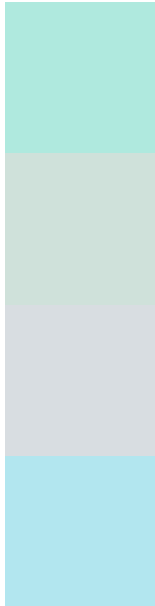
73.7092, 72.1094, 81.9851



Tritanopia

63.7850, 72.5192, 99.4427

Trichromacy



Original Color

60.0029, 72.6657, 79.9706

Protanomaly

65.3122, 72.1778, 76.8190

Deuteranomaly

67.7660, 71.7481, 81.5113

Tritanomaly

62.2369, 72.2906, 92.3346

Monochromacy



Original Color

60.0029, 72.6657, 79.9706

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.2003, 69.0020, 75.6861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0029, 72.6657, 79.9706 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(175, 233, 222)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 222)  
}
```

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(175, 233, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.0029, 72.6657, 79.9706 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(175, 233, 222) }
```


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

```
.border{ border-color:rgb(175, 233, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 233, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 233, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 233, 222);  
box-shadow:4px 4px 4px 4px rgb(175, 233,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0029, 72.6657, 79.9706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 233, 222) }
```

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

```
.background{ background-color: rgb(175,  
233, 222) }
```

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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