

Converting Colors

XYZ(60.2168, 72.2831, 86.3570)

Have a look what the booklet for
XYZ(60.2168, 72.2831, 86.3570)
contains.

XYZ(60.0750, 72.1407, 86.3596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.0750, 72.1407,
86.3596)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE8E7
RGB	171, 232, 231
RGB Percent	67%, 91%, 91%
CMY	0.3294, 0.0902, 0.0941
CMYK	0.26, 0.00, 0.00, 0.09
HSL	179°, 57%, 79%
HSV	179°, 26%, 91%
XYZ	60.0750, 72.1407, 86.3596
YIQ	213.6470, -36.0350, -13.2430

Conversions

Conversions Part 2

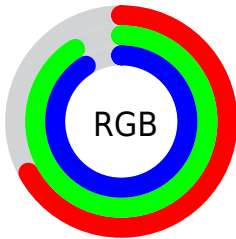
Format	Color
RYB	171, 202, 232
Decimal	11266279
CIELab	88.04, -19.34, -5.76
CIELCh	88, 20.175, 196.585
Yxy	72.1407, 0.2748, 0.3300
Android (android.graphics.Color)	4289456359 (0xFFABE8E7)
YUV	213.6470, 8.5550, -37.4014
Hunter-Lab	84.9357, -22.3844, -0.8290

Details

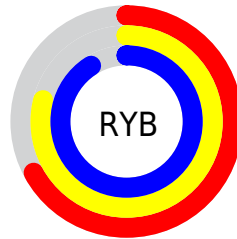
The XYZ color **60.0750, 72.1407, 86.3596** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.2905, 49.2622, 45.6270**, and the grayscale version is **63.6427, 66.9571, 72.9163**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **30.5993, 37.9277, 46.2655** is the 20% darker color. If you saturate the color by 10%, you get **55.4051, 69.7413, 85.8617**, and if you desaturate by 10%, it is **65.6362, 75.0032, 86.9030**.

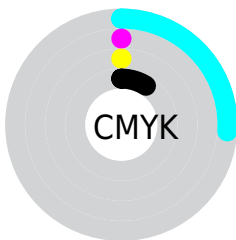
Distribution



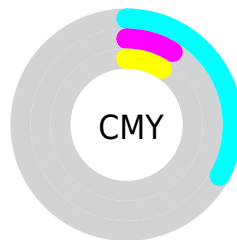
- Red (67%)
- Green (91%)
- Blue (91%)



- Red (67%)
- Yellow (79%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (33%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0750, 72.1407, 86.3596 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 60.0750, 72.1407, 86.3596 by changing the saturation by 10% instead.

60.0750, 72.1407,
86.3596

60.0750, 72.1407,
86.3596

414.7045,
468.0312, 536.3777

43.7288, 53.2736,
64.4088

104.0442,
122.2565, 144.1622

30.6543, 38.0212,
46.5335

132.3979,
154.2741, 180.8510

20.4863, 25.9992,
32.3154

165.4847,
191.4439, 223.2896

12.8593, 16.8230,
21.3357

203.6702,
234.1505, 271.8965

7.4081, 10.1084,
13.1760

247.3195,
282.7780, 327.0902

3.7672, 5.4709,
7.4177

296.7981,

1.5713, 2.5261,

337.7111, 389.2892

3.6423

352.4713,
399.3340, 458.9122

■ 0.3736, 0.8897,
1.4312

■ 0.0000, 0.0000,
0.1659

■ 60.0750, 72.1407,
86.3596

■ 60.0750, 72.1407,
86.3596

■ 55.4051, 69.7413,
85.8617

■ 65.6362, 75.0032,
86.9030

■ 51.5738, 67.7724,
85.4020

■ 72.1253, 78.3422,
87.4888

■ 48.5327, 66.2109,
84.9800

■ 79.5847, 82.1814,
88.1207

■ 46.2257, 65.0277,
84.5930

■ 84.7384, 84.8320,
88.6452

■ 44.5895, 64.1904,
84.2379

■ 84.7928, 84.8537,
88.9318

■ 43.5502, 63.6608,
83.9114

■ 84.8474, 84.8756,
89.2190

■ 43.0152, 63.3911,
83.6091

■ 84.9020, 84.8974,
89.5067

■ 42.8879, 63.3278,
83.5005

■ 84.9568, 84.9193,
89.7952

■ 85.0117, 84.9413,
90.0842

Harmonies

Analogous

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



59.9538, 72.1407, 72.5588



60.0750, 72.1407, 86.3596



62.4018, 72.1407, 99.4172

Triad

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



60.0750, 72.1407, 86.3596



75.5120, 72.1407, 98.2092



70.7372, 72.1407, 55.4856

Complementary

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



60.0750, 72.1407, 86.3596



55.2905, 49.2622, 45.6270

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.



75.1267, 72.1407, 60.8266



60.0750, 72.1407, 86.3596



77.9693, 72.1407, 84.8600

Square

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



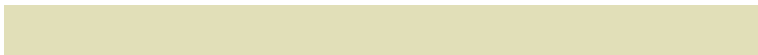
60.0750, 72.1407, 86.3596



71.2432, 72.1407, 106.7871



77.8250, 72.1407, 71.2241



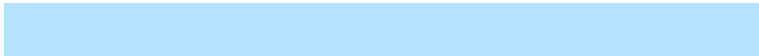
65.9598, 72.1407, 55.7871

Rectangle

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



60.0750, 72.1407, 86.3596



64.9553, 72.1407, 105.4672



77.8250, 72.1407, 71.2241



72.3114, 72.1407, 56.6513

Sweetspot

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



60.0771, 72.1436, 86.3612



87.8851, 96.3126, 108.2831



53.2264, 69.4290, 49.1253



18.5412, 20.4760, 23.1531



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.



60.0771, 72.1436, 86.3612



70.9169, 87.5838, 106.6471



52.6041, 56.9703, 84.5711



14.7967, 16.3321, 18.4602



23.8136, 35.1575, 46.3802



1.7630, 2.5993, 3.4447

Inverse Universe

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



55.2905, 49.2622, 45.6270



63.9729, 54.3858, 47.5502



61.3984, 61.6314, 47.1895



14.3866, 14.3718, 14.9701



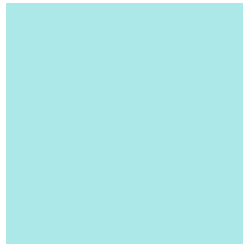
18.4911, 9.5307, 0.9493



1.3698, 0.7056, 0.0881

Previews

White Background



This preview shows how the XYZ color 60.0750, 72.1407, 86.3596 looks on a white background.

Color Contrast Check

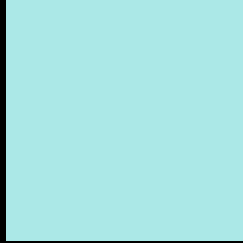
Large Text (above 18pt) WCAG AA × Fail

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 60.0750, 72.1407, 86.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

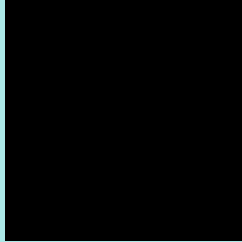
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0750, 72.1407, 86.3596

Background



This preview shows how black text looks on a background with the XYZ color 60.0750, 72.1407, 86.3596.



This preview shows how white text looks on a background with the XYZ color 60.0750, 72.1407,

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

60.0750, 72.1407, 86.3596

Protanopia

69.0822, 71.6787, 80.0064

Deuteranopia

73.3029, 71.7535, 88.5836



Tritanopia

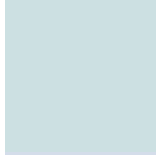
62.6418, 71.9299, 99.3892

Trichromacy



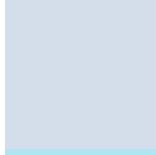
Original Color

60.0750, 72.1407, 86.3596



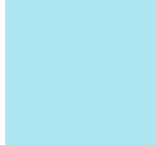
Protanomaly

65.2850, 71.6397, 82.3385



Deuteranomaly

67.8591, 71.6505, 88.0953



Tritanomaly

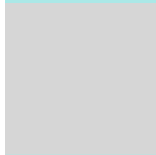
61.7794, 72.0031, 94.6463

Monochromacy



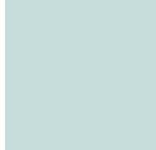
Original Color

60.0750, 72.1407, 86.3596



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

62.0634, 68.8860, 77.7354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0750, 72.1407, 86.3596 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(171, 232, 231)` looks like.

```
.text, #text, p{  
    color:rgb(171, 232, 231)  
}
```

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(171, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 232, 231) }
```

Border

The CSS property to change the border of an element to XYZ 60.0750, 72.1407, 86.3596 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(171, 232, 231) }
```


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

```
.border{ border-color:rgb(171, 232, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 232, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(171, 232,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0750, 72.1407, 86.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 232, 231) }
```

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

```
.background{ background-color: rgb(171,  
232, 231) }
```

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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