

Converting Colors

XYZ(60.6395, 72.8528, 87.7467)

Have a look what the booklet for
XYZ(60.6395, 72.8528, 87.7467)
contains.

XYZ(60.6415, 72.8189, 87.9501)	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(60.6415, 72.8189,
87.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE9E9
RGB	171, 233, 233
RGB Percent	67%, 91%, 91%
CMY	0.3294, 0.0863, 0.0863
CMYK	0.27, 0.00, 0.00, 0.09
HSL	180°, 58%, 79%
HSV	180°, 27%, 91%
XYZ	60.6415, 72.8189, 87.9501
YIQ	214.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

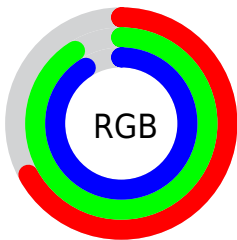
Format	Color
RYB	171, 202, 233
Decimal	11266537
CIELab	88.36, -19.39, -6.33
CIELCh	88, 20.398, 198.072
Yxy	72.8189, 0.2739, 0.3289
Android (android.graphics.Color)	4289456617 (0xFFABE9E9)
YUV	214.4620, 9.1392, -38.1162
Hunter-Lab	85.3340, -22.4858, -1.3739

Details

The XYZ color **60.6415, 72.8189, 87.9501** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.5204, 49.3919, 45.1384**, and the grayscale version is **64.1876, 67.5304, 73.5406**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **30.9941, 38.4005, 47.3735** is the 20% darker color. If you saturate the color by 10%, you get **56.0072, 70.4317, 87.7340**, and if you desaturate by 10%, it is **66.1746, 75.6732, 88.2114**.

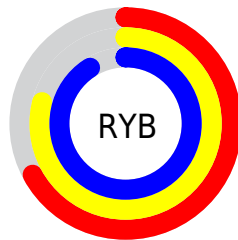
Distribution



Red (67%)

Green (91%)

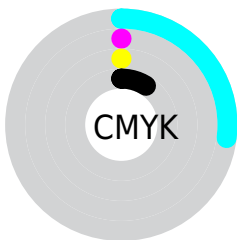
Blue (91%)



Red (67%)

Yellow (79%)

Blue (91%)

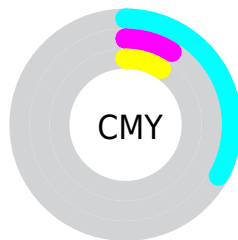


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (33%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6415, 72.8189, 87.9501 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 60.6415, 72.8189, 87.9501 by changing the saturation by 10% instead.

60.6415, 72.8189,
87.9501

60.6415, 72.8189,
87.9501

416.7552,
470.3869, 541.7369

44.1873, 53.8279,
65.7176

104.8607,
123.2201, 146.3982

31.0164, 38.4641,
47.5882

133.3565,
155.3990, 183.4509

20.7632, 26.3431,
33.1432

166.5969,
192.7428, 226.2809

13.0625, 17.0805,
21.9642

204.9473,
235.6357, 275.3065

7.5489, 10.2919,
13.6325

248.7729,
284.4622, 330.9463

3.8570, 5.5929,
7.7297

298.4392,

1.6216, 2.5992,

339.6066, 393.6190

3.8372

354.3116,
401.4534, 463.7430

■ 0.4064, 0.9262,
1.5365

■ 0.0000, 0.0000,
0.2449

■ 60.6415, 72.8189,
87.9501

■ 60.6415, 72.8189,
87.9501

■ 56.0072, 70.4317,
87.7340

■ 66.1746, 75.6732,
88.2114

■ 52.2185, 68.4786,
87.5560


■ 72.6438, 79.0081,
88.5149


■ 49.2262, 66.9360,
87.4152


■ 80.0918, 82.8477,
88.8642


■ 46.9734, 65.7746,
87.3090


■ 85.0889, 85.4238,
89.0988


 45.3960, 64.9615,
87.2344


 85.0891, 85.4238,
89.0996


 44.4186, 64.4576,
87.1879


 85.0892, 85.4239,
89.1003

 43.9462, 64.2141,
87.1650

 85.0894, 85.4240,
89.1011

 43.8473, 64.1631,
87.1601

 85.0895, 85.4240,
89.1019

 85.0897, 85.4241,
89.1026

Harmonies

Analogous

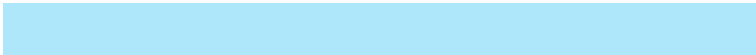
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.4026, 72.8189, 73.8438



60.6415, 72.8189, 87.9501



63.1095, 72.8189, 101.0889

Triad

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



60.6415, 72.8189, 87.9501



76.4562, 72.8189, 98.7048



71.1765, 72.8189, 55.7225

Complementary

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



60.6415, 72.8189, 87.9501



55.5204, 49.3919, 45.1384

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.



75.6961, 72.8189, 60.8700



60.6415, 72.8189, 87.9501



78.8392, 72.8189, 84.9921

Square

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



60.6415, 72.8189, 87.9501



72.1743, 72.8189, 107.7844



78.5546, 72.8189, 71.2131



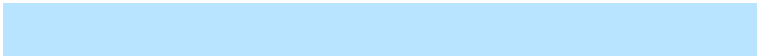
66.3322, 72.8189, 56.3159

Rectangle

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



60.6415, 72.8189, 87.9501



65.7553, 72.8189, 107.0248



78.5546, 72.8189, 71.2131



72.7882, 72.8189, 56.8113

Sweetspot

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



60.6436, 72.8218, 87.9518



87.9389, 96.3341, 108.5665



53.5124, 69.9955, 49.2198



18.5549, 20.4815, 23.2251



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.



60.6436, 72.8218, 87.9518



71.1316, 87.6697, 107.7776



52.8686, 57.2711, 85.3620



15.5177, 17.1219, 19.4091



24.8789, 36.4060, 49.4545



1.9536, 2.8588, 3.8834

Inverse Universe

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



55.5204, 49.3919, 45.1384



63.8423, 54.3336, 46.8628



61.8364, 62.0243, 47.2424



15.0656, 15.0541, 15.6305



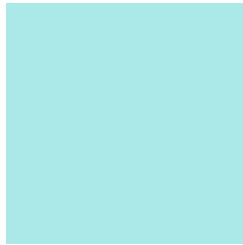
19.0678, 9.8298, 0.8926



1.4973, 0.7719, 0.0701

Previews

White Background



This preview shows how the XYZ color 60.6415, 72.8189, 87.9501 looks on a white background.

Color Contrast Check

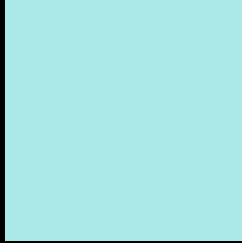
Large Text (above 18pt) WCAG AA × Fail

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 60.6415, 72.8189, 87.9501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

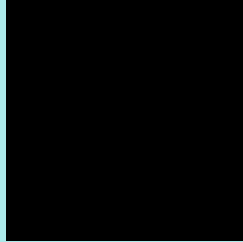
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6415, 72.8189, 87.9501

Background



This preview shows how black text looks on a background with the XYZ color 60.6415, 72.8189, 87.9501.

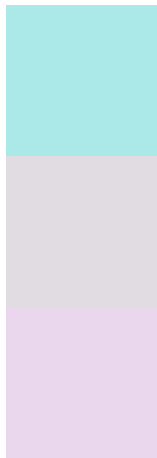


This preview shows how white text looks on a background with the XYZ color 60.6415, 72.8189,

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

60.6415, 72.8189, 87.9501

Protanopia

69.9243, 72.4699, 81.5369

Deuteranopia

73.8475, 72.3775, 90.1988



Tritanopia

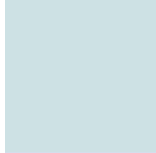
63.3540, 73.1053, 100.3942

Trichromacy



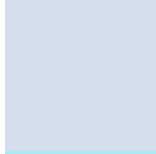
Original Color

60.6415, 72.8189, 87.9501



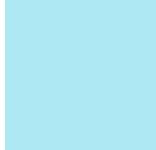
Protanomaly

66.1056, 72.4310, 83.8952



Deuteranomaly

68.4130, 72.2957, 89.7056



Tritanomaly

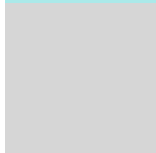
62.4898, 73.1830, 95.6262

Monochromacy



Original Color

60.6415, 72.8189, 87.9501



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

62.1963, 68.9391, 78.4351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6415, 72.8189, 87.9501 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, 233, 233)` looks like.

```
.text, #text, p{  
    color:rgb(171, 233, 233)  
}
```

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, 233, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 233, 233) }
```

Border

The CSS property to change the border of an element to XYZ 60.6415, 72.8189, 87.9501 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, 233, 233) }
```


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

```
.border{ border-color:rgb(171, 233, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 233, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 233, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 233, 233); box-shadow:4px 4px 4px 4px rgb(171, 233, 233) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6415, 72.8189, 87.9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 233, 233) }
```

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

```
.background{ background-color: rgb(171,  
233, 233) }
```

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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