

Converting Colors

XYZ(60.4658, 73.4246, 87.1360)

Have a look what the booklet for
XYZ(60.4658, 73.4246, 87.1360)
contains.

XYZ(60.6360, 73.6779, 87.3693)	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(60.6360, 73.6779,
87.3693)**

Conversions

Conversions Part 1

Format	Color
Hex	A9EBE8
RGB	169, 235, 232
RGB Percent	66%, 92%, 91%
CMY	0.3372, 0.0784, 0.0902
CMYK	0.28, 0.00, 0.01, 0.08
HSL	177°, 62%, 79%
HSV	177°, 28%, 92%
XYZ	60.6360, 73.6779, 87.3693
YIQ	214.9240, -38.3730, -14.9250

Conversions

Conversions Part 2

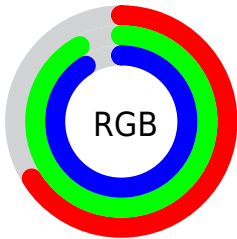
Format	Color
RYB	169, 203, 235
Decimal	11135976
CIELab	88.77, -21.17, -5.21
CIELCh	89, 21.799, 193.833
Yxy	73.6779, 0.2735, 0.3324
Android (android.graphics.Color)	4289326056 (0xFFA9EBE8)
YUV	214.9240, 8.4185, -40.2753
Hunter-Lab	85.8358, -24.1170, -0.2641

Details

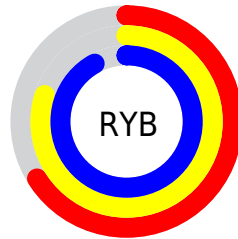
The XYZ color **60.6360, 73.6779, 87.3693** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.8979, 49.0187, 45.5481**, and the grayscale version is **64.5051, 67.8643, 73.9043**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **30.8960, 38.9522, 46.9644** is the 20% darker color. If you saturate the color by 10%, you get **55.8897, 71.2504, 86.3583**, and if you desaturate by 10%, it is **66.2936, 76.5788, 88.4310**.

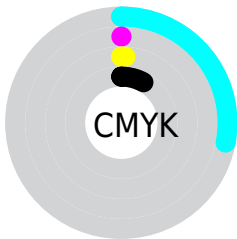
Distribution



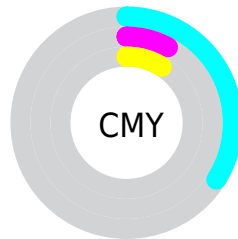
- Red (66%)
- Green (92%)
- Blue (91%)



- Red (66%)
- Yellow (80%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (34%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6360, 73.6779, 87.3693 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 60.6360, 73.6779, 87.3693 by changing the saturation by 10% instead.

60.6360, 73.6779,
87.3693

60.6360, 73.6779,
87.3693

416.7354,
473.3609, 539.7833

44.1829, 54.5305,
65.2395

104.8528,
124.4391, 145.5822

31.0128, 39.0259,
47.2027

133.3472,
156.8216, 182.5023

20.7605, 26.7799,
32.8405

166.5861,
194.3847, 225.1897

13.0605, 17.4080,
21.7341

204.9349,
237.5126, 274.0628

7.5475, 10.5258,
13.4652

248.7588,
286.5898, 329.5401

3.8562, 5.7489,
7.6152

298.4233,

1.6211, 2.6930,

342.0006, 392.0403

3.7655

354.2937,
404.1296, 461.9819

■ 0.4061, 0.9737,
1.4976

■ 0.0000, 0.0000,
0.2161

■ 60.6360, 73.6779,
87.3693

■ 60.6360, 73.6779,
87.3693

■ 55.8897, 71.2504,
86.3583

■ 66.2936, 76.5788,
88.4310

■ 51.9997, 69.2625,
85.3905


■ 72.9011, 79.9673,
89.5404


■ 48.9150, 67.6895,
84.4653


■ 80.5024, 83.8681,
90.7011


■ 46.5768, 66.5013,
83.5798


■ 86.1305, 86.7516,
91.7743


 44.9178, 65.6632,
82.7309


 86.2866, 86.8140,
92.5963


 43.8593, 65.1344,
81.9148


 86.4436, 86.8768,
93.4233

 43.2908, 64.8582,
81.1265

 86.6015, 86.9400,
94.2551

 43.2066, 64.8180,
80.9772

 86.7605, 87.0036,
95.0919

 86.9203, 87.0675,
95.9336

Harmonies

Analogous

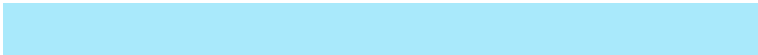
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.7331, 73.6779, 72.4048



60.6360, 73.6779, 87.3693



62.9651, 73.6779, 102.0651

Triad

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



60.6360, 73.6779, 87.3693



77.2894, 73.6779, 103.0500



72.8903, 73.6779, 55.4361

Complementary

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



60.6360, 73.6779, 87.3693



55.8979, 49.0187, 45.5481

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.



77.6017, 73.6779, 61.7426



60.6360, 73.6779, 87.3693



80.2273, 73.6779, 88.5840

Square

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



60.6360, 73.6779, 87.3693



72.4815, 73.6779, 111.8573



80.3443, 73.6779, 73.4769



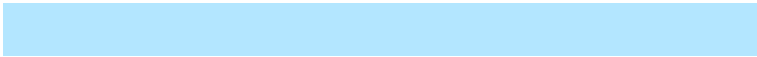
67.6318, 73.6779, 55.1972

Rectangle

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



60.6360, 73.6779, 87.3693



65.6511, 73.6779, 109.2149



80.3443, 73.6779, 73.4769



74.5965, 73.6779, 56.8772

Sweetspot

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



60.6381, 73.6809, 87.3710



87.7899, 96.2745, 107.7821



53.9512, 71.0889, 48.4155



18.5171, 20.4664, 23.0258



0.0000, 0.0000, 0.0000



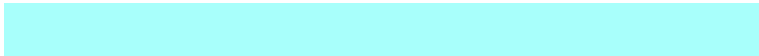
20.3446, 21.4041, 23.3091

Same Dimension

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



60.6381, 73.6809, 87.3710



69.3937, 86.8463, 104.4181



53.2629, 58.2419, 87.0352



15.4863, 17.1094, 19.2439



24.0587, 36.0780, 45.1359



1.8984, 2.8367, 3.5926

Inverse Universe

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



55.8979, 49.0187, 45.5481



62.7680, 52.3641, 45.9521



61.7794, 61.2382, 46.1016



15.0932, 15.0651, 15.7763



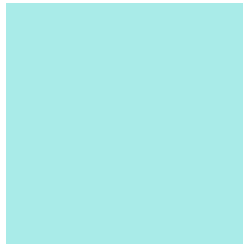
19.1129, 9.8479, 1.1300



1.5106, 0.7772, 0.1404

Previews

White Background



This preview shows how the XYZ color 60.6360, 73.6779, 87.3693 looks on a white background.

Color Contrast Check

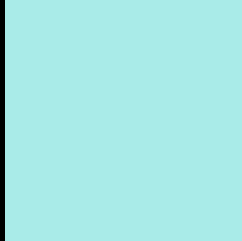
Large Text (above 18pt) WCAG AA × Fail

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 60.6360, 73.6779, 87.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

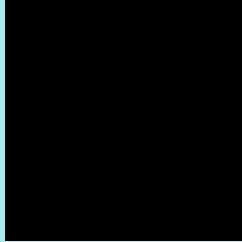
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6360, 73.6779, 87.3693

Background



This preview shows how black text looks on a background with the XYZ color 60.6360, 73.6779, 87.3693.

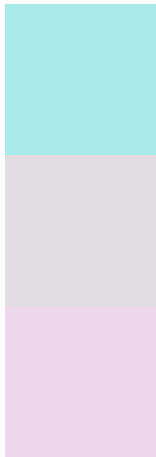


This preview shows how white text looks on a background with the XYZ color 60.6360, 73.6779,

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

60.6360, 73.6779, 87.3693

Protanopia

70.3623, 73.1023, 80.9227

Deuteranopia

74.6212, 73.1724, 89.5476



Tritanopia

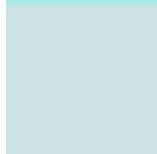
63.5028, 73.5625, 102.1188

Trichromacy



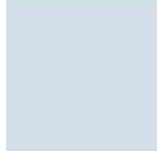
Original Color

60.6360, 73.6779, 87.3693



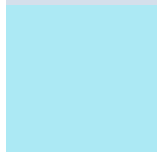
Protanomaly

66.2383, 72.9179, 83.2565



Deuteranomaly

68.5344, 72.7706, 89.0312



Tritanomaly

62.4813, 73.5801, 96.4972

Monochromacy



Original Color

60.6360, 73.6779, 87.3693



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.4611, 69.4688, 78.5234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6360, 73.6779, 87.3693 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(169, 235, 232)` looks like.

```
.text, #text, p{  
    color:rgb(169, 235, 232)  
}
```

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(169, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 235, 232) }
```

Border

The CSS property to change the border of an element to XYZ 60.6360, 73.6779, 87.3693 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(169, 235, 232) }
```


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

```
.border{ border-color:rgb(169, 235, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 235, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(169, 235,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6360, 73.6779, 87.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 235, 232) }
```

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

```
.background{ background-color: rgb(169,  
235, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor