

Converting Colors

XYZ(60.9448, 73.8000, 95.1167)

Have a look what the booklet for
XYZ(60.9448, 73.8000, 95.1167)
contains.

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Color

**XYZ(60.8396, 73.6140,
95.0067)**

Conversions

Conversions Part 1

Format	Color
Hex	A3EBF2
RGB	163, 235, 242
RGB Percent	64%, 92%, 95%
CMY	0.3608, 0.0784, 0.0510
CMYK	0.33, 0.03, 0.00, 0.05
HSL	185°, 75%, 79%
HSV	185°, 33%, 95%
XYZ	60.8396, 73.6140, 95.0067
YIQ	214.2700, -45.1590, -13.0870

Conversions

Conversions Part 2

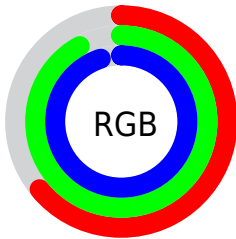
Format	Color
R _{YB}	163, 201, 242
Decimal	10742770
CIE Lab	88.74, -20.55, -10.53
CIE LCh	89, 23.095, 207.124
Yxy	73.6140, 0.2651, 0.3208
Android (android.graphics.Color)	4288932850 (0xFFA3EBF2)
YUV	214.2700, 13.6709, -44.9638
Hunter-Lab	85.7986, -23.5736, -5.5941

Details

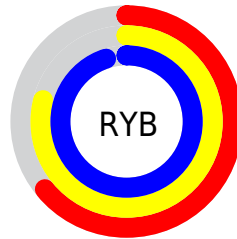
The XYZ color **60.8396, 73.6140, 95.0067** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.6045, 50.2717, 41.3193**, and the grayscale version is **64.0327, 67.3674, 73.3631**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **31.1674, 38.9735, 52.3343** is the 20% darker color. If you saturate the color by 10%, you get **55.7414, 70.0820, 94.5949**, and if you desaturate by 10%, it is **66.8976, 77.6554, 95.4687**.

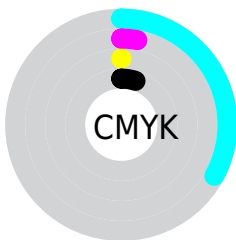
Distribution



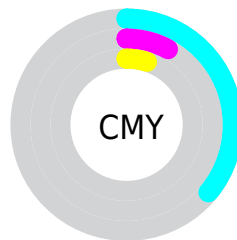
- Red (64%)
- Green (92%)
- Blue (95%)



- Red (64%)
- Yellow (79%)
- Blue (95%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (36%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8396, 73.6140, 95.0067 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 60.8396, 73.6140, 95.0067 by changing the saturation by 10% instead.

60.8396, 73.6140,
95.0067

60.8396, 73.6140,
95.0067

417.4710,
473.1401, 565.1713

44.3478, 54.4782,
71.5436

105.1461,
124.3485, 156.2695

31.1431, 38.9841,
52.3014

133.6915,
156.7159, 194.9064

20.8602, 26.7473,
36.8615

166.9854,
194.2627, 239.4382

13.1337, 17.3836,
24.8053

205.3933,
237.3731, 290.2836

7.5983, 10.5083,
15.7144

249.2804,
286.4317, 347.8610

3.8887, 5.7373,
9.1701

299.0121,

1.6393, 2.6860,

341.8228, 412.5891

4.7540

354.9539,
403.9308, 484.8864

■ 0.4178, 0.9701,
2.0474

■ 0.0000, 0.0000,
0.5842

■ 60.8396, 73.6140,
95.0067

■ 60.8396, 73.6140,
95.0067

■ 55.7414, 70.0820,
94.5949

■ 66.8976, 77.6554,
95.4687

■ 51.5422, 67.0226,
94.2257


■ 73.9589, 82.2233,
95.9782


■ 48.1845, 64.4078,
93.8980


■ 82.0722, 87.3444,
96.5391


■ 45.6012, 62.2032,
93.6086


■ 89.4912, 92.1188,
97.0696


 43.7150, 60.3687,
93.3539


 90.1385, 93.4134,
97.2854


 42.4323, 58.8562,
93.1296

 90.7933, 94.7230,
97.5037

 41.7693, 57.8951,
92.9790

 91.4556, 96.0477,
97.7244

 92.1256, 97.3875,
97.9477

 92.8031, 98.7426,
98.1736

Harmonies

Analogous

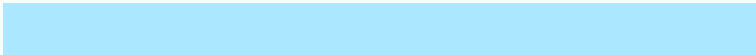
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.7823, 73.6140, 78.6199



60.8396, 73.6140, 95.0067



64.2995, 73.6140, 108.8533

Triad

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



60.8396, 73.6140, 95.0067



79.3789, 73.6140, 98.0318



70.5081, 73.6140, 53.1958

Complementary

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



60.8396, 73.6140, 95.0067



57.6045, 50.2717, 41.3193

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.



75.9600, 73.6140, 57.0009



60.8396, 73.6140, 95.0067



81.2493, 73.6140, 81.7062

Square

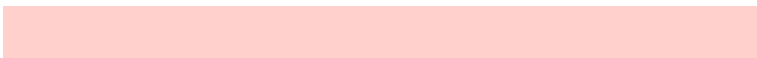
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.8396, 73.6140, 95.0067



74.9784, 73.6140, 110.7567



79.9664, 73.6140, 66.9345



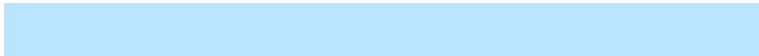
65.1857, 73.6140, 55.7803

Rectangle

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



60.8396, 73.6140, 95.0067



67.6022, 73.6140, 114.0246



79.9664, 73.6140, 66.9345



72.3881, 73.6140, 53.7567

Sweetspot

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



60.8418, 73.6169, 95.0084



85.5666, 94.0477, 108.2509



54.0742, 74.1787, 49.2935



18.0504, 19.9620, 23.1516



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.



60.8418, 73.6169, 95.0084



64.6873, 80.2710, 106.6922



50.8540, 53.6413, 91.6791



16.1207, 17.6755, 20.2837



22.4905, 31.2053, 49.9657



1.9058, 2.6656, 4.1683

Inverse Universe

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



64.7123, 51.0716, 85.0476



69.7170, 51.5518, 93.6187



66.0512, 67.1650, 44.1349



16.3904, 16.0059, 19.6118



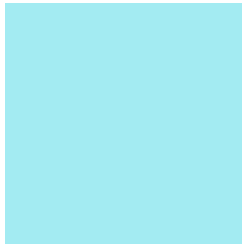
26.6778, 12.9435, 37.8154



2.2369, 1.0838, 3.2384

Previews

White Background



This preview shows how the XYZ color 60.8396, 73.6140, 95.0067 looks on a white background.

Color Contrast Check

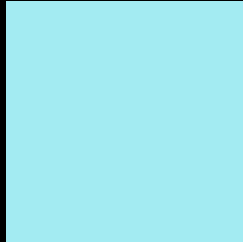
Large Text (above 18pt) WCAG AA × Fail

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 60.8396, 73.6140, 95.0067 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 60.8396, 73.6140, 95.0067

Background



This preview shows how black text looks on a background with the XYZ color 60.8396, 73.6140, 95.0067.

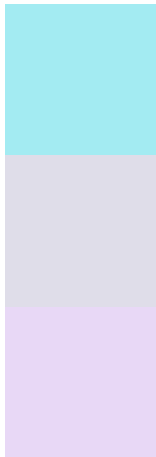


This preview shows how white text looks on a background with the XYZ color 60.8396, 73.6140,

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

60.8396, 73.6140, 95.0067

Protanopia

70.9959, 73.2841, 87.4942

Deuteranopia

74.4691, 72.9214, 97.3391



Tritanopia

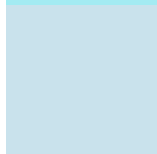
62.2267, 73.3054, 102.9651

Trichromacy



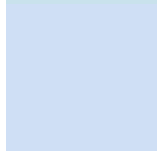
Original Color

60.8396, 73.6140, 95.0067



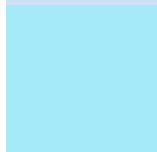
Protanomaly

66.4241, 72.8663, 89.9206



Deuteranomaly

68.6012, 72.6333, 96.7902



Tritanomaly

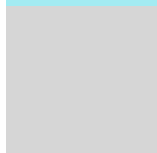
61.6759, 73.5155, 99.7462

Monochromacy



Original Color

60.8396, 73.6140, 95.0067



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

62.0815, 69.2265, 80.6110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8396, 73.6140, 95.0067 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(163, 235, 242)` looks like.

```
.text, #text, p{  
    color:rgb(163, 235, 242)  
}
```

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(163, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 235, 242) }
```

Border

The CSS property to change the border of an element to XYZ 60.8396, 73.6140, 95.0067 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(163, 235, 242) }
```


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

```
.border{ border-color:rgb(163, 235, 242) }
```

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

Here you see how a box with a 4 pixel rgb(163, 235, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 235, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 235, 242);  
box-shadow:4px 4px 4px 4px rgb(163, 235,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8396, 73.6140, 95.0067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 235, 242) }
```

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

```
.background{ background-color: rgb(163,  
235, 242) }
```

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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