

Converting Colors

XYZ(60.2411, 71.5345, 95.0919)

Have a look what the booklet for
XYZ(60.2411, 71.5345, 95.0919)
contains.

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Color

**XYZ(60.2706, 71.6222,
95.4419)**

Conversions

Conversions Part 1

Format	Color
Hex	A5E7F3
RGB	165, 231, 243
RGB Percent	65%, 91%, 95%
CMY	0.3529, 0.0941, 0.0471
CMYK	0.32, 0.05, 0.00, 0.05
HSL	189°, 76%, 80%
HSV	189°, 32%, 95%
XYZ	60.2706, 71.6222, 95.4419
YIQ	212.6340, -43.1880, -10.2600

Conversions

Conversions Part 2

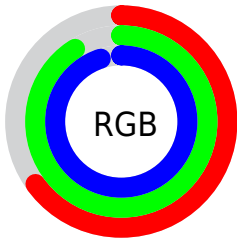
Format	Color
R _Y B	165, 201, 243
Decimal	10872819
CIE Lab	87.79, -17.79, -12.46
CIE LCh	88, 21.725, 215.011
Yxy	71.6222, 0.2651, 0.3151
Android (android.graphics.Color)	4289062899 (0xFFA5E7F3)
YUV	212.6340, 14.9704, -41.7750
Hunter-Lab	84.6299, -20.9806, -7.6237

Details

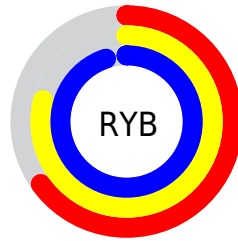
The XYZ color **60.2706, 71.6222, 95.4419** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.4768, 53.2163, 42.7359**, and the grayscale version is **62.9271, 66.2042, 72.0963**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **30.7300, 37.5628, 52.6444** is the 20% darker color. If you saturate the color by 10%, you get **54.6540, 67.1920, 94.8840**, and if you desaturate by 10%, it is **66.8741, 76.5978, 96.0555**.

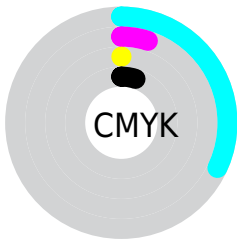
Distribution



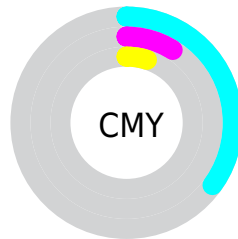
- Red (65%)
- Green (91%)
- Blue (95%)



- Red (65%)
- Yellow (79%)
- Blue (95%)



- Cyan (32%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2706, 71.6222, 95.4419 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 60.2706, 71.6222, 95.4419 by changing the saturation by 10% instead.

60.2706, 71.6222,
95.4419

60.2706, 71.6222,
95.4419

415.4133,
466.2255, 566.5991

43.8871, 52.8501,
71.9039

104.3262,
121.5192, 156.8758

30.7793, 37.6831,
52.5938

132.7290,
153.4130, 195.6088

20.5818, 25.7369,
37.0931

165.8690,
190.4494, 240.2438

12.9294, 16.6269,
24.9832

204.1114,
233.0129, 291.1995

7.4566, 9.9688,
15.8457

247.8217,
281.4879, 348.8943

3.7981, 5.3783,
9.2618

297.3652,

1.5886, 2.4709,

336.2587, 413.7468

4.8132

353.1073,
397.7098, 486.1756

■ 0.3849, 0.8620,
2.0813

■ 0.0000, 0.0000,
0.6046

■ 60.2706, 71.6222,
95.4419

■ 60.2706, 71.6222,
95.4419

■ 54.6540, 67.1920,
94.8840

■ 66.8741, 76.5978,
96.0555

■ 49.9632, 63.2702,
94.3743

■ 74.5083, 82.1365,
96.7222

■ 46.1402, 59.8285,
93.9115

■ 83.2224, 88.2654,
97.4459

■ 43.1176, 56.8320,
93.4924

■ 90.3600, 93.6154,
98.1023

■ 40.8178, 54.2406,
93.1134

■ 91.5082, 95.9117,
98.4851

■ 39.1474, 52.0057,
92.7701

■ 92.6793, 98.2540,
98.8754

■ 38.1588, 50.4330,
92.5186

■ 93.1779, 99.2512,
99.0416

Harmonies

Analogous

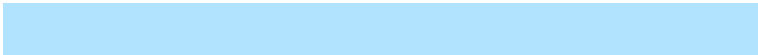
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.6653, 71.6222, 80.4918



60.2706, 71.6222, 95.4419



63.9705, 71.6222, 106.6658

Triad

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



60.2706, 71.6222, 95.4419



77.4655, 71.6222, 90.6091



67.2121, 71.6222, 52.9736

Complementary

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



60.2706, 71.6222, 95.4419



59.4768, 53.2163, 42.7359

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.



72.3509, 71.6222, 54.9689



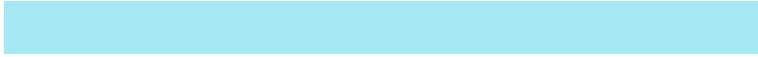
60.2706, 71.6222, 95.4419



78.4402, 71.6222, 75.5296

Square

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



60.2706, 71.6222, 95.4419



73.9249, 71.6222, 103.6379



76.5251, 71.6222, 62.7971



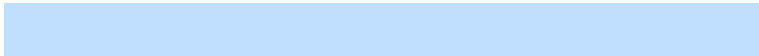
62.5417, 71.6222, 56.9574

Rectangle

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



60.2706, 71.6222, 95.4419



67.2159, 71.6222, 109.8404



76.5251, 71.6222, 62.7971



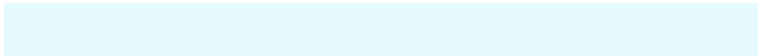
68.9409, 71.6222, 52.9729

Sweetspot

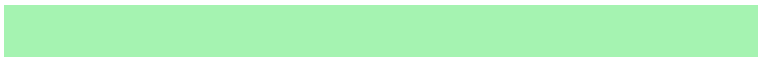
The Sweet Spot groups the original color and five complimentary colors.



60.2727, 71.6250, 95.4436



85.0443, 93.0033, 108.0769



55.4751, 75.2643, 53.0436



17.9232, 19.7076, 23.1093



0.0000, 0.0000, 0.0000



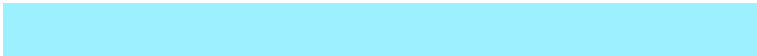
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2727, 71.6250, 95.4436



62.7461, 76.3886, 106.0451



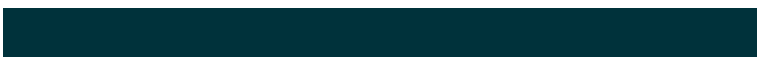
50.6118, 52.3032, 92.2232



16.7669, 18.2981, 21.1907



21.0236, 27.8409, 50.8038



1.9052, 2.5617, 4.4843

Inverse Universe

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



64.8428, 51.7362, 82.1729



68.7372, 51.1598, 88.4590



68.2342, 70.7310, 45.6551



17.0977, 16.7219, 20.2609



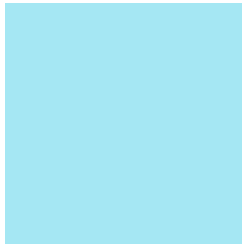
26.4162, 12.9099, 33.2299



2.3507, 1.1462, 3.0731

Previews

White Background



This preview shows how the XYZ color 60.2706, 71.6222, 95.4419 looks on a white background.

Color Contrast Check

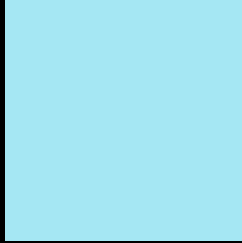
Large Text (above 18pt) WCAG AA × Fail

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 60.2706, 71.6222, 95.4419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

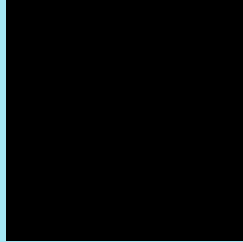
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2706, 71.6222, 95.4419

Background



This preview shows how black text looks on a background with the XYZ color 60.2706, 71.6222, 95.4419.



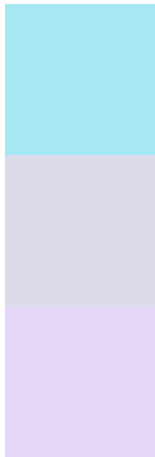
This preview shows how white text looks on a background with the XYZ color 60.2706, 71.6222,

95.4419.

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

60.2706, 71.6222, 95.4419

Protanopia

69.2802, 71.2010, 88.6890

Deuteranopia

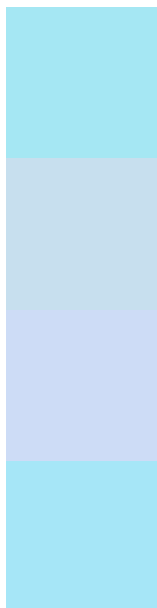
72.8300, 71.3025, 97.9199



Tritanopia

61.1216, 71.5402, 100.2097

Trichromacy



Original Color

60.2706, 71.6222, 95.4419

Protanomaly

65.3735, 71.0905, 91.1652

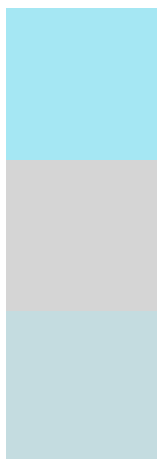
Deuteranomaly

67.4046, 70.8194, 97.3057

Tritanomaly

60.8112, 71.4160, 98.5753

Monochromacy



Original Color

60.2706, 71.6222, 95.4419

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.8127, 68.3040, 80.4471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2706, 71.6222, 95.4419 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(165, 231, 243)` looks like.

```
.text, #text, p{  
    color:rgb(165, 231, 243)  
}
```

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(165, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 231, 243) }
```

Border

The CSS property to change the border of an element to XYZ 60.2706, 71.6222, 95.4419 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(165, 231, 243) }
```


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

```
.border{ border-color:rgb(165, 231, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 231, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(165, 231,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2706, 71.6222, 95.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 231, 243) }
```

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

```
.background{ background-color: rgb(165,  
231, 243) }
```

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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