

Converting Colors

XYZ(61.4567, 70.8392, 95.4745)

Have a look what the booklet for
XYZ(61.4567, 70.8392, 95.4745)
contains.

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Color

**XYZ(61.6003, 71.0718,
95.2656)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE4F3
RGB	175, 228, 243
RGB Percent	69%, 89%, 95%
CMY	0.3137, 0.1059, 0.0471
CMYK	0.28, 0.06, 0.00, 0.05
HSL	193°, 74%, 82%
HSV	193°, 28%, 95%
XYZ	61.6003, 71.0718, 95.2656
YIQ	213.8630, -36.4030, -6.5710

Conversions

Conversions Part 2

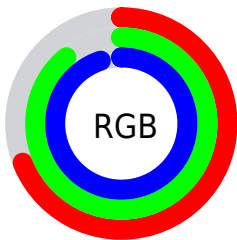
Format	Color
R _Y B	175, 205, 243
Decimal	11527411
CIE Lab	87.52, -13.51, -12.81
CIE LCh	88, 18.614, 223.471
Yxy	71.0718, 0.2703, 0.3118
Android (android.graphics.Color)	4289717491 (0xFFAFE4F3)
YUV	213.8630, 14.3645, -34.0829
Hunter-Lab	84.3041, -17.1037, -7.9862

Details

The XYZ color **61.6003, 71.0718, 95.2656** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.1145, 58.9775, 48.6165**, and the grayscale version is **63.7502, 67.0701, 73.0394**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **31.7984, 37.5399, 52.5837** is the 20% darker color. If you saturate the color by 10%, you get **55.1782, 65.6078, 94.5506**, and if you desaturate by 10%, it is **69.0537, 77.1388, 96.0450**.

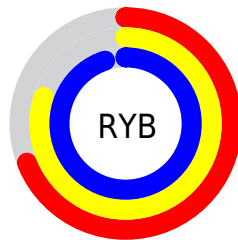
Distribution



Red (69%)

Green (89%)

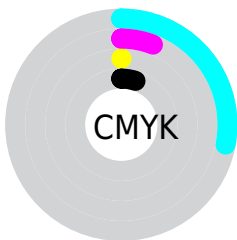
Blue (95%)



Red (69%)

Yellow (80%)

Blue (95%)

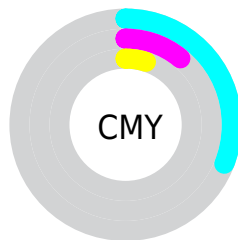


Cyan (28%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6003, 71.0718, 95.2656 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 61.6003, 71.0718, 95.2656 by changing the saturation by 10% instead.

61.6003, 71.0718,
95.2656

61.6003, 71.0718,
95.2656

420.2124,
464.3044, 566.0210

44.9642, 52.4008,
71.7579

106.2408,
120.7360, 156.6302

31.6304, 37.3246,
52.4753

134.9760,
152.4979, 195.3243

21.2335, 25.4589,
36.9992

168.4749,
189.3923, 239.9175

13.4082, 16.4193,
24.9111

207.1028,
231.8035, 290.8286

7.7892, 9.8214,
15.7924

251.2252,
280.1159, 348.4759

4.0110, 5.2807,
9.2246

301.2073,

1.7084, 2.4129,

334.7139, 413.2780

4.7892

357.4146,
395.9819, 485.6535

0.4615, 0.8325,
2.0675

0.0000, 0.0000,
0.5963

61.6003, 71.0718,
95.2656

61.6003, 71.0718,
95.2656

55.1782, 65.6078,
94.5506

69.0537, 77.1388,
96.0450

49.7281, 60.7103,
93.8926

77.5812, 83.8263,
96.8864

45.1940, 56.3518,
93.2902

87.2308, 91.1613,
97.7936

41.5115, 52.4982,
92.7405

91.4305, 95.7563,
98.4592

■ 38.6075, 49.1114,
92.2399

■ 93.1147, 99.1248,
99.0206

■ 36.3958, 46.1462,
91.7841

■ 93.1779, 99.2512,
99.0416

■ 34.7585, 43.5413,
91.3676

■ 34.4630, 43.0414,
91.2867

Harmonies

Analogous

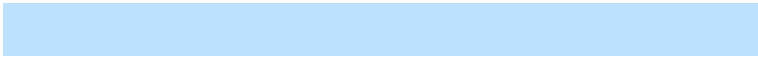
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.6594, 71.0718, 83.1631



61.6003, 71.0718, 95.2656



65.1749, 71.0718, 102.9936

Triad

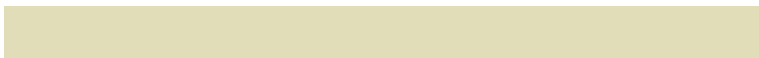
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.6003, 71.0718, 95.2656



75.9845, 71.0718, 84.4798



65.6014, 71.0718, 56.1472

Complementary

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



61.6003, 71.0718, 95.2656



63.1145, 58.9775, 48.6165

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.



69.9855, 71.0718, 56.4178



61.6003, 71.0718, 95.2656



76.1109, 71.0718, 71.8811

Square

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



61.6003, 71.0718, 95.2656



73.5362, 71.0718, 96.3192



73.8744, 71.0718, 61.8948



61.9009, 71.0718, 61.1107

Rectangle

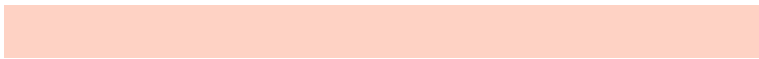
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.6003, 71.0718, 95.2656



68.0647, 71.0718, 104.1548



73.8744, 71.0718, 61.8948



67.0411, 71.0718, 55.6468

Sweetspot

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



61.6024, 71.0746, 95.2672



86.5204, 93.4970, 108.0943



58.9965, 76.9227, 60.3024



18.1950, 19.7616, 23.1053



0.0000, 0.0000, 0.0000



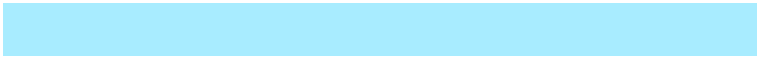
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6024, 71.0746, 95.2672



64.2227, 75.4984, 105.7955



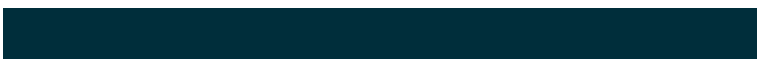
53.2097, 54.2892, 92.4697



16.6685, 18.1013, 21.1579



19.0186, 23.8310, 50.1355



1.7462, 2.2439, 4.4313

Inverse Universe

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



66.2975, 55.3179, 80.5850



70.4207, 55.4252, 86.2504



71.2855, 75.3194, 51.3402



17.0480, 16.7021, 19.9994



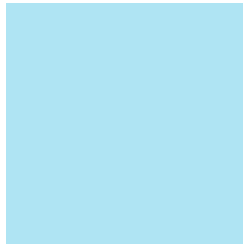
25.4042, 12.5051, 27.9007



2.2705, 1.1142, 2.6507

Previews

White Background



This preview shows how the XYZ color 61.6003, 71.0718, 95.2656 looks on a white background.

Color Contrast Check

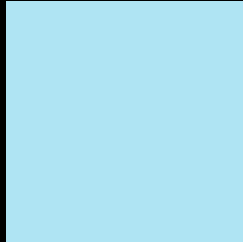
Large Text (above 18pt) WCAG AA × Fail

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 61.6003, 71.0718, 95.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

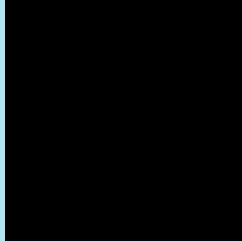
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6003, 71.0718, 95.2656

Background



This preview shows how black text looks on a background with the XYZ color 61.6003, 71.0718, 95.2656.



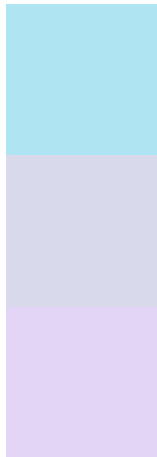
This preview shows how white text looks on a background with the XYZ color 61.6003, 71.0718,

95.2656.

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

61.6003, 71.0718, 95.2656

Protanopia

68.5684, 70.4336, 89.3380

Deuteranopia

72.1074, 70.5732, 97.0103



Tritanopia

62.2825, 71.3707, 97.6821

Trichromacy



Original Color

61.6003, 71.0718, 95.2656

Protanomaly

65.7936, 70.5015, 91.8018

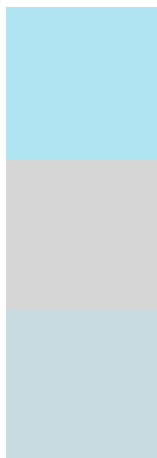
Deuteranomaly

67.5653, 70.1453, 96.3645

Tritanomaly

62.1293, 71.3095, 96.8757

Monochromacy



Original Color

61.6003, 71.0718, 95.2656

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.7415, 68.3786, 81.1257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6003, 71.0718, 95.2656 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(175, 228, 243)` looks like.

```
.text, #text, p{  
    color:rgb(175, 228, 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(175, 228, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 228, 243) }
```

Border

The CSS property to change the border of an element to XYZ 61.6003, 71.0718, 95.2656 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(175, 228, 243) }
```


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

```
.border{ border-color:rgb(175, 228, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 228, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 228, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 228, 243);  
box-shadow:4px 4px 4px 4px rgb(175, 228,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6003, 71.0718, 95.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 228, 243) }
```

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

```
.background{ background-color: rgb(175,  
228, 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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