

Converting Colors

XYZ(61.8473, 72.8507, 78.8336)

Have a look what the booklet for
XYZ(61.8473, 72.8507, 78.8336)
contains.

XYZ(61.7439, 72.7582, 78.4996)	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(61.7439, 72.7582,
78.4996)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE7DC
RGB	186, 231, 220
RGB Percent	73%, 91%, 86%
CMY	0.2706, 0.0941, 0.1372
CMYK	0.19, 0.00, 0.05, 0.09
HSL	165°, 48%, 82%
HSV	165°, 19%, 91%
XYZ	61.7439, 72.7582, 78.4996
YIQ	216.2910, -23.2890, -12.9610

Conversions

Conversions Part 2

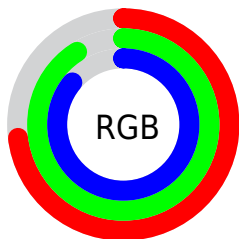
Format	Color
RYB	186, 212, 231
Decimal	12249052
CIELab	88.33, -16.67, 0.55
CIELCh	88, 16.683, 178.118
Yxy	72.7582, 0.2899, 0.3416
Android (android.graphics.Color)	4290439132 (0xFFBAE7DC)
YUV	216.2910, 1.8285, -26.5652
Hunter-Lab	85.2984, -20.0637, 5.1447

Details

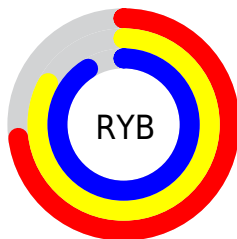
The XYZ color **61.7439, 72.7582, 78.4996** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.5946, 56.1400, 60.4690**, and the grayscale version is **65.4696, 68.8791, 75.0093**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **31.6372, 38.2821, 41.3190** is the 20% darker color. If you saturate the color by 10%, you get **55.8442, 69.8037, 74.3855**, and if you desaturate by 10%, it is **68.5802, 76.1965, 82.7925**.

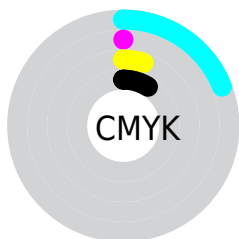
Distribution



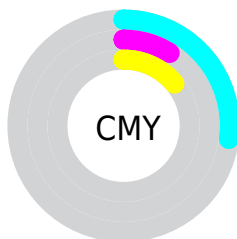
- Red (73%)
- Green (91%)
- Blue (86%)



- Red (73%)
- Yellow (83%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7439, 72.7582, 78.4996 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 61.7439, 72.7582, 78.4996 by changing the saturation by 10% instead.

61.7439, 72.7582,
78.4996

61.7439, 72.7582,
78.4996

420.7288,
470.1763, 509.4347

45.0806, 53.7783,
57.9656

106.4473,
123.1339, 133.0464

31.7225, 38.4244,
41.3665

135.2182,
155.2984, 167.8963

21.3041, 26.3123,
28.2837

168.7556,
192.6266, 208.3553

13.4602, 17.0574,
18.2987

207.4250,
235.5029, 254.8418

7.8254, 10.2754,
10.9930

251.5916,
284.3116, 307.7745

4.0343, 5.5819,
5.9480

301.6209,

1.7215, 2.5926,

339.4371, 367.5718

2.7452

357.8782,
401.2639, 434.6524

■ 0.4697, 0.9229,
0.9661

■ 0.0000, 0.0000,
0.0000

■ 61.7439, 72.7582,
78.4996

■ 61.7439, 72.7582,
78.4996

■ 55.8442, 69.8037,
74.3855

■ 68.5802, 76.1965,
82.7925

■ 50.8312, 67.3015,
70.4420


■ 76.3879, 80.1306,
87.2626


■ 46.6596, 65.2302,
66.6673


■ 85.0953, 84.5257,
91.9093


■ 43.2775, 63.5631,
63.0576


■ 85.9336, 84.8610,
96.3234


 40.6272, 62.2704,
59.6088


 86.7980, 85.2068,
100.8756


 38.6430, 61.3183,
56.3165

 87.6890, 85.5631,
105.5671

 37.2468, 60.6666,
53.1757

 87.8672, 85.6344,
106.5057

 36.3121, 60.2501,
50.1790

 36.2684, 60.2309,
50.0271

Harmonies

Analogous

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



62.8229, 72.7582, 68.1403



61.7439, 72.7582, 78.4996



62.5861, 72.7582, 90.0701

Triad

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



61.7439, 72.7582, 78.4996



72.8455, 72.7582, 100.2955



73.2997, 72.7582, 61.9399

Complementary

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



61.7439, 72.7582, 78.4996



60.5946, 56.1400, 60.4690

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.



76.1671, 72.7582, 69.2806



61.7439, 72.7582, 78.4996



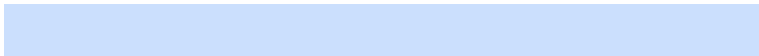
75.8978, 72.7582, 91.4429

Square

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



61.7439, 72.7582, 78.4996



68.9020, 72.7582, 103.3566



77.1355, 72.7582, 79.9474



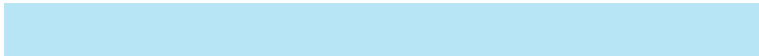
69.4076, 72.7582, 59.1702

Rectangle

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



61.7439, 72.7582, 78.4996



64.1426, 72.7582, 96.7913



77.1355, 72.7582, 79.9474



74.4209, 72.7582, 63.9177

Sweetspot

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



61.7460, 72.7612, 78.5012



89.0469, 96.9742, 105.5057



60.5326, 72.6042, 57.2793



18.9257, 20.6890, 22.5045



0.0000, 0.0000, 0.0000



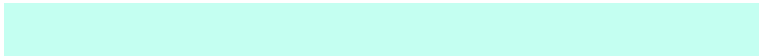
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7460, 72.7612, 78.5012



74.4426, 89.6333, 96.3306



60.2034, 67.2666, 85.4154



14.6489, 16.2730, 17.6819



20.3832, 33.7854, 28.3158



1.5423, 2.5110, 2.2823

Inverse Universe

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



60.5946, 56.1400, 60.4690



72.7780, 65.5855, 70.2478



61.8434, 60.5824, 54.8898



14.5208, 14.4255, 15.6767



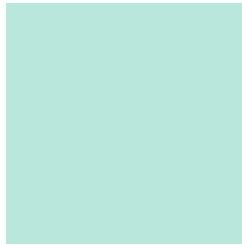
18.9230, 9.7034, 3.2234



1.4345, 0.7315, 0.4287

Previews

White Background



This preview shows how the XYZ color 61.7439, 72.7582, 78.4996 looks on a white background.

Color Contrast Check

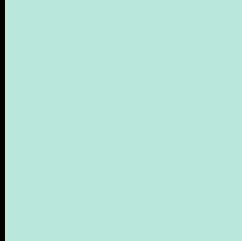
Large Text (above 18pt) WCAG AA × Fail

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 61.7439, 72.7582, 78.4996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

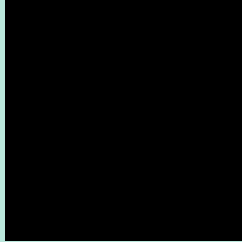
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

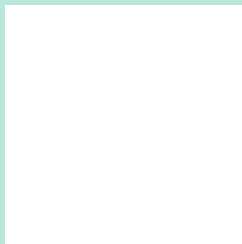
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7439, 72.7582, 78.4996

Background



This preview shows how black text looks on a background with the XYZ color 61.7439, 72.7582, 78.4996.

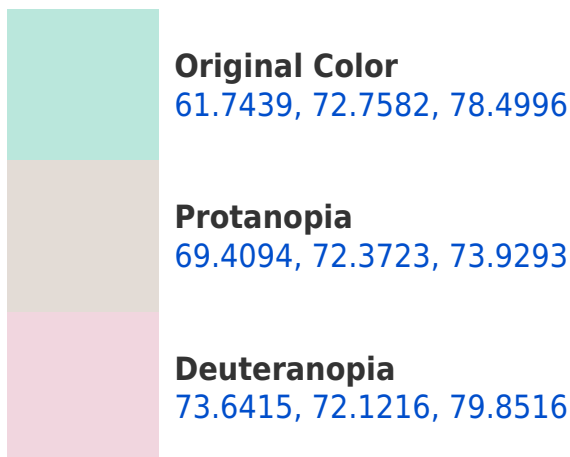


This preview shows how white text looks on a background with the XYZ color 61.7439, 72.7582,

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





Tritanopia

65.4364, 72.6071, 96.9519

Trichromacy



Original Color

61.7439, 72.7582, 78.4996

Protanomaly

66.2017, 72.2662, 75.4253

Deuteranomaly

68.5968, 71.8325, 79.3569

Tritanomaly

63.8700, 72.3618, 89.9578

Monochromacy



Original Color

61.7439, 72.7582, 78.4996

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.5577, 69.7018, 75.7496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7439, 72.7582, 78.4996 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(186, 231, 220)` looks like.

```
.text, #text, p{  
    color:rgb(186, 231, 220)  
}
```

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(186, 231, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 231, 220) }
```

Border

The CSS property to change the border of an element to XYZ 61.7439, 72.7582, 78.4996 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(186, 231, 220) }
```


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

```
.border{ border-color:rgb(186, 231, 220) }
```

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

Here you see how a box with a 4 pixel rgb(186, 231, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 231, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 231, 220);  
box-shadow:4px 4px 4px 4px rgb(186, 231,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7439, 72.7582, 78.4996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 231, 220) }
```

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

```
.background{ background-color: rgb(186,  
231, 220) }
```

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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