

Converting Colors

XYZ(61.0258, 72.3955, 76.8554)

Have a look what the booklet for
XYZ(61.0258, 72.3955, 76.8554)
contains.

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Color

**XYZ(60.9980, 72.4041,
77.0901)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E7DA
RGB	184, 231, 218
RGB Percent	72%, 91%, 85%
CMY	0.2784, 0.0941, 0.1451
CMYK	0.20, 0.00, 0.06, 0.09
HSL	163°, 49%, 81%
HSV	163°, 20%, 91%
XYZ	60.9980, 72.4041, 77.0901
YIQ	215.4650, -23.8390, -14.0070

Conversions

Conversions Part 2

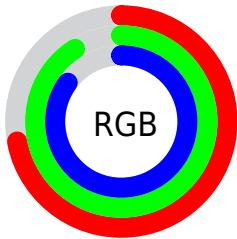
Format	Color
RYB	184, 211, 231
Decimal	12117978
CIELab	88.16, -17.69, 1.34
CIELCh	88, 17.745, 175.684
Yxy	72.4041, 0.2898, 0.3440
Android (android.graphics.Color)	4290308058 (0xFFB8E7DA)
YUV	215.4650, 1.2498, -27.5948
Hunter-Lab	85.0906, -20.9491, 5.8481

Details

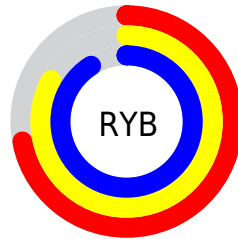
The XYZ color **60.9980, 72.4041, 77.0901** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.1761, 55.3031, 60.3295**, and the grayscale version is **64.9116, 68.2920, 74.3700**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **31.1468, 38.0501, 40.3531** is the 20% darker color. If you saturate the color by 10%, you get **55.0900, 69.4552, 72.5330**, and if you desaturate by 10%, it is **67.8459, 75.8378, 81.8626**.

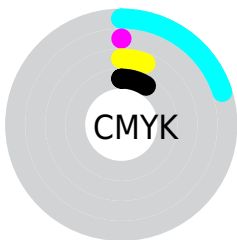
Distribution



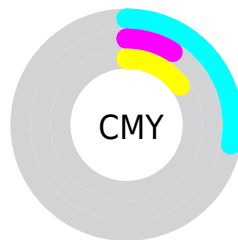
- Red (72%)
- Green (91%)
- Blue (85%)



- Red (72%)
- Yellow (83%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (28%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9980, 72.4041, 77.0901 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 60.9980, 72.4041, 77.0901 by changing the saturation by 10% instead.

60.9980, 72.4041,
77.0901

60.9980, 72.4041,
77.0901

418.0427,
468.9469, 504.5170

44.4761, 53.4888,
56.8148

105.3742,
122.6309, 131.0408

31.2445, 38.1932,
40.4482

133.9591,
154.7112, 165.5534

20.9378, 26.1326,
27.5717

167.2958,
191.9487, 205.6487

13.1908, 16.9229,
17.7669

205.7496,
234.7277, 251.7455

7.6379, 10.1795,
10.6150

249.6858,
283.4326, 304.2621

3.9140, 5.5182,
5.6977

299.4699,

1.6536, 2.5544,

338.4478, 363.6172

2.5964

355.4670,
400.1578, 430.2294

■ 0.4270, 0.9038,
0.8906

■ 0.0000, 0.0000,
0.0000

■ 60.9980, 72.4041,
77.0901

■ 60.9980, 72.4041,
77.0901

■ 55.0900, 69.4552,
72.5330

■ 67.8459, 75.8378,
81.8626

■ 50.0717, 66.9592,
68.1825

■ 75.6688, 79.7683,
86.8493

■ 45.8972, 64.8946,
64.0361

■ 84.5074, 84.2187,
92.0556

■ 42.5142, 63.2345,
60.0894

■ 86.0802, 84.9196,
97.0957

■ 39.8642, 61.9486,
56.3376

■ 87.0654, 85.3137,
102.2837

■ 37.8805, 61.0028,
52.7757

■ 87.8672, 85.6344,
106.5057

■ 36.4834, 60.3559,
49.3978

■ 35.5613, 59.9481,
46.3037

Harmonies

Analogous

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



62.2963, 72.4041, 66.3819



60.9980, 72.4041, 77.0901



61.7234, 72.4041, 89.4035

Triad

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



60.9980, 72.4041, 77.0901



72.4152, 72.4041, 101.8261



73.5212, 72.4041, 61.0673

Complementary

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



60.9980, 72.4041, 77.0901



60.1761, 55.3031, 60.3295

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.



76.4363, 72.4041, 69.1354



60.9980, 72.4041, 77.0901



75.7796, 72.4041, 92.7573

Square

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



60.9980, 72.4041, 77.0901



68.2057, 72.4041, 104.5089



77.2792, 72.4041, 80.6076



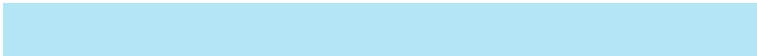
69.4338, 72.4041, 57.7542

Rectangle

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



60.9980, 72.4041, 77.0901



63.2735, 72.4041, 96.7655



77.2792, 72.4041, 80.6076



74.6771, 72.4041, 63.2701

Sweetspot

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



61.0001, 72.4071, 77.0917



88.9693, 96.9432, 105.0973



60.3390, 72.5287, 56.1680



18.9073, 20.6816, 22.4078



0.0000, 0.0000, 0.0000



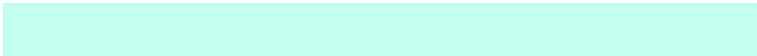
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0001, 72.4071, 77.0917



73.3996, 89.1400, 94.2795



60.0014, 67.5788, 85.4863



14.6284, 16.2648, 17.5740



19.9904, 33.6283, 26.2476



1.5160, 2.5005, 2.1441

Inverse Universe

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



60.1761, 55.3031, 60.3295



72.2114, 64.4443, 70.0842



60.9417, 59.1170, 53.5475



14.5400, 14.4332, 15.7781



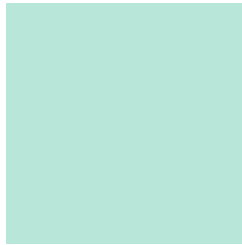
19.0375, 9.7492, 3.8265



1.4452, 0.7358, 0.4852

Previews

White Background



This preview shows how the XYZ color 60.9980, 72.4041, 77.0901 looks on a white background.

Color Contrast Check

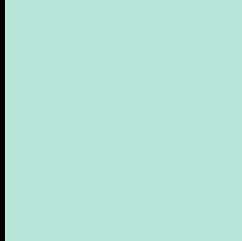
Large Text (above 18pt) WCAG AA × Fail

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 60.9980, 72.4041, 77.0901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

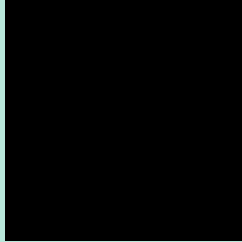
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

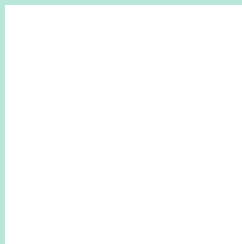
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9980, 72.4041, 77.0901

Background



This preview shows how black text looks on a background with the XYZ color 60.9980, 72.4041, 77.0901.

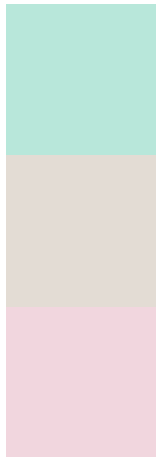


This preview shows how white text looks on a background with the XYZ color 60.9980, 72.4041,

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

60.9980, 72.4041, 77.0901

Protanopia

69.1554, 72.2708, 72.5921

Deuteranopia

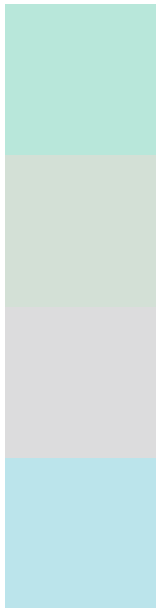
73.5070, 72.0678, 79.1435



Tritanopia

64.9368, 72.3496, 96.9285

Trichromacy



Original Color

60.9980, 72.4041, 77.0901

Protanomaly

65.6572, 72.0152, 74.0582

Deuteranomaly

68.1595, 71.6225, 78.6387

Tritanomaly

63.2323, 72.0498, 89.1716

Monochromacy



Original Color

60.9980, 72.4041, 77.0901

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.1530, 69.5081, 75.0536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9980, 72.4041, 77.0901 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(184, 231, 218)` looks like.

```
.text, #text, p{  
    color:rgb(184, 231, 218)  
}
```

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(184, 231, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 231, 218) }
```

Border

The CSS property to change the border of an element to XYZ 60.9980, 72.4041, 77.0901 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(184, 231, 218) }
```


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

```
.border{ border-color:rgb(184, 231, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 231, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 231, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 231, 218);  
box-shadow:4px 4px 4px 4px rgb(184, 231,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9980, 72.4041, 77.0901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 231, 218) }
```

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

```
.background{ background-color: rgb(184,  
231, 218) }
```

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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