

Converting Colors

XYZ(60.9655, 72.5466, 76.6676)

Have a look what the booklet for
XYZ(60.9655, 72.5466, 76.6676)
contains.

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Color

**XYZ(60.8675, 72.3519,
76.4029)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E7D9
RGB	184, 231, 217
RGB Percent	72%, 91%, 85%
CMY	0.2784, 0.0941, 0.1490
CMYK	0.20, 0.00, 0.06, 0.09
HSL	162°, 49%, 81%
HSV	162°, 20%, 91%
XYZ	60.8675, 72.3519, 76.4029
YIQ	215.3510, -23.5180, -14.3180

Conversions

Conversions Part 2

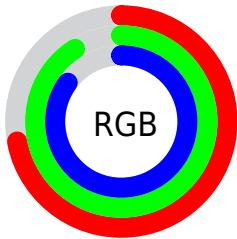
Format	Color
RYB	184, 212, 231
Decimal	12117977
CIELab	88.14, -17.89, 1.82
CIELCh	88, 17.987, 174.181
Yxy	72.3519, 0.2904, 0.3452
Android (android.graphics.Color)	4290308057 (0xFFB8E7D9)
YUV	215.3510, 0.8130, -27.4948
Hunter-Lab	85.0599, -21.1232, 6.2862

Details

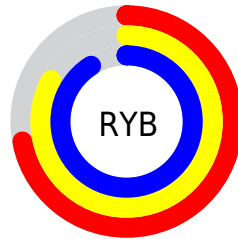
The XYZ color **60.8675, 72.3519, 76.4029** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.2911, 55.3491, 60.9350**, and the grayscale version is **64.8369, 68.2135, 74.2845**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **31.0575, 38.0144, 39.8830** is the 20% darker color. If you saturate the color by 10%, you get **54.9032, 69.3804, 71.5490**, and if you desaturate by 10%, it is **67.7769, 75.8101, 81.4990**.

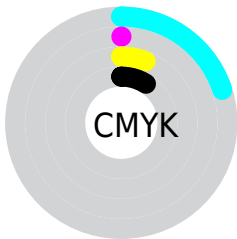
Distribution



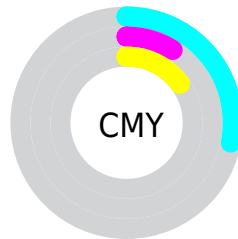
- Red (72%)
- Green (91%)
- Blue (85%)



- 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 60.8675, 72.3519, 76.4029 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 60.8675, 72.3519, 76.4029 by changing the saturation by 10% instead.


 60.8675, 72.3519,
76.4029

 60.8675, 72.3519,
76.4029


417.5717,
468.7655, 502.1093

 44.3704, 53.4462,
56.2543

 105.1863,
122.5567, 130.0616

 31.1609, 38.1591,
40.0015


133.7386,
154.6246, 164.4087

 20.8739, 26.1062,
27.2259


167.0401,
191.8487, 204.3258

 13.1438, 16.9031,
17.5090

205.4560,
234.6133, 250.2314

 7.6053, 10.1654,
10.4323

249.3518,
283.3029, 302.5440

 3.8931, 5.5088,
5.5772

299.0928,

 1.6418, 2.5488,

338.3019, 361.6821

2.5251

355.0443,
399.9946, 428.0644

■ 0.4194, 0.9010,
0.8534

■ 0.0000, 0.0000,
0.0000

■ 60.8675, 72.3519,
76.4029

■ 60.8675, 72.3519,
76.4029

■ 54.9032, 69.3804,
71.5490

■ 67.7769, 75.8101,
81.4990

■ 49.8334, 66.8639,
66.9279


■ 75.6664, 79.7674,
86.8367

■ 45.6125, 64.7807,
62.5368


■ 84.5768, 84.2465,
92.4216


■ 42.1878, 63.1039,
58.3707


■ 86.2270, 84.9783,
97.8684


 39.5009, 61.8033,
54.4243

 87.2949, 85.4055,
103.4918

 37.4848, 60.8445,
50.6921

 87.8672, 85.6344,
106.5057

 36.0599, 60.1865,
47.1676

 35.1151, 59.7696,
43.9540

Harmonies

Analogous

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



62.2804, 72.3519, 65.7197



60.8675, 72.3519, 76.4029



61.4991, 72.3519, 88.8805

Triad

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



60.8675, 72.3519, 76.4029



72.2105, 72.3519, 102.4112



73.7206, 72.3519, 61.0981

Complementary

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



60.8675, 72.3519, 76.4029



60.2911, 55.3491, 60.9350

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.



76.5889, 72.3519, 69.4733



60.8675, 72.3519, 76.4029



75.6919, 72.3519, 93.4627

Square

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



60.8675, 72.3519, 76.4029



67.9336, 72.3519, 104.7581



77.3248, 72.3519, 81.2037



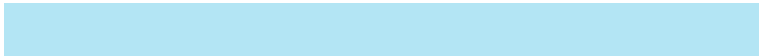
69.6098, 72.3519, 57.4945

Rectangle

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



60.8675, 72.3519, 76.4029



63.0085, 72.3519, 96.4581



77.3248, 72.3519, 81.2037



74.8688, 72.3519, 63.4037

Sweetspot

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



60.8695, 72.3549, 76.4045



88.9181, 96.9227, 104.8276



60.5451, 72.6350, 56.1776



18.8952, 20.6768, 22.3440



0.0000, 0.0000, 0.0000



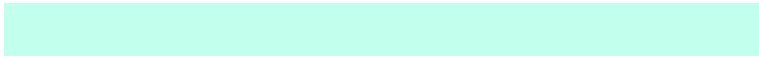
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8695, 72.3549, 76.4045



73.2089, 89.0637, 93.2751



60.2085, 67.9929, 85.5554



14.6149, 16.2594, 17.5029



19.7423, 33.5290, 24.9410



1.4993, 2.4938, 2.0559

Inverse Universe

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



60.2911, 55.3491, 60.9350



72.3751, 64.5097, 70.9460



60.7676, 58.7688, 53.4894



14.5528, 14.4383, 15.8454



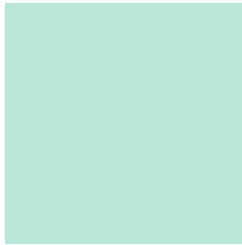
19.1218, 9.7829, 4.2702



1.4529, 0.7389, 0.5253

Previews

White Background



This preview shows how the XYZ color 60.8675, 72.3519, 76.4029 looks on a white background.

Color Contrast Check

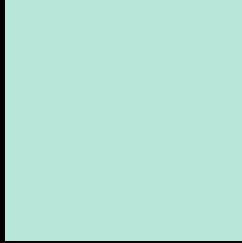
Large Text (above 18pt) WCAG AA × Fail

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 60.8675, 72.3519, 76.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

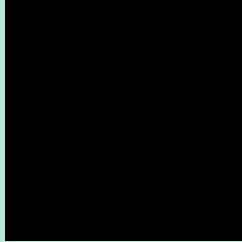
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

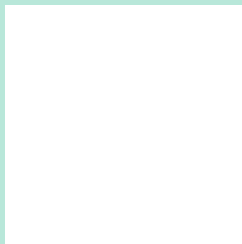
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8675, 72.3519, 76.4029

Background



This preview shows how black text looks on a background with the XYZ color 60.8675, 72.3519, 76.4029.

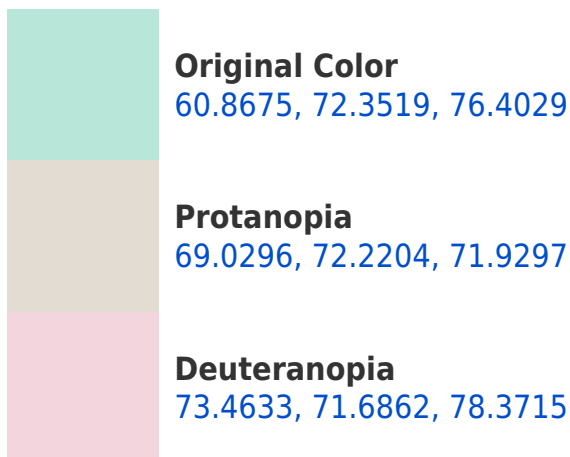


This preview shows how white text looks on a background with the XYZ color 60.8675, 72.3519,

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

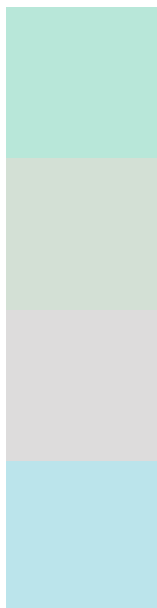




Tritanopia

64.9368, 72.3496, 96.9285

Trichromacy



Original Color

60.8675, 72.3519, 76.4029

Protanomaly

65.5299, 71.9643, 73.3875

Deuteranomaly

68.3303, 71.7259, 77.9532

Tritanomaly

63.2323, 72.0498, 89.1716

Monochromacy



Original Color

60.8675, 72.3519, 76.4029

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 60.8675, 72.3519, 76.4029 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(184, 231, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 231, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.8675, 72.3519, 76.4029 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, 217) }
```


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

```
.border{ border-color:rgb(184, 231, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 231, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 231, 217);  
box-shadow:4px 4px 4px 4px rgb(184, 231,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8675, 72.3519, 76.4029 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, 217) }
```

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

```
.background{ background-color: rgb(184,  
231, 217) }
```

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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