

Converting Colors

XYZ(60.4075, 71.5981, 72.4863)

Have a look what the booklet for
XYZ(60.4075, 71.5981, 72.4863)
contains.

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Color

**XYZ(60.5482, 71.8616,
72.3075)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE6D3
RGB	187, 230, 211
RGB Percent	73%, 90%, 83%
CMY	0.2667, 0.0980, 0.1725
CMYK	0.19, 0.00, 0.08, 0.10
HSL	153°, 46%, 82%
HSV	153°, 19%, 90%
XYZ	60.5482, 71.8616, 72.3075
YIQ	214.9770, -19.5290, -15.0250

Conversions

Conversions Part 2

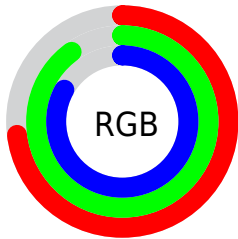
Format	Color
RYB	187, 215, 230
Decimal	12314323
CIELab	87.90, -17.63, 4.65
CIELCh	88, 18.236, 165.224
Yxy	71.8616, 0.2958, 0.3510
Android (android.graphics.Color)	4290504403 (0xFFBBE6D3)
YUV	214.9770, -1.9607, -24.5358
Hunter-Lab	84.7712, -20.8553, 8.7671

Details

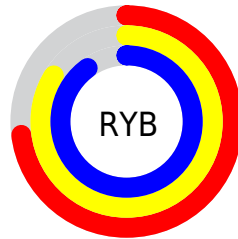
The XYZ color **60.5482, 71.8616, 72.3075** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.5466, 56.8217, 66.1194**, and the grayscale version is **64.5997, 67.9639, 74.0127**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **30.8947, 37.6930, 37.5454** is the 20% darker color. If you saturate the color by 10%, you get **54.1318, 68.6984, 65.5655**, and if you desaturate by 10%, it is **67.9504, 75.5276, 79.5193**.

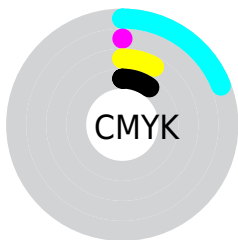
Distribution



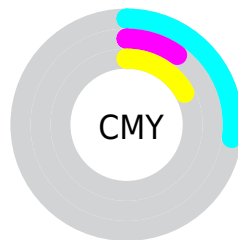
- Red (73%)
- Green (90%)
- Blue (83%)



- Red (73%)
- Yellow (84%)
- Blue (90%)



- Cyan (19%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)





- Cyan (27%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5482, 71.8616, 72.3075 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 60.5482, 71.8616, 72.3075 by changing the saturation by 10% instead.

 60.5482, 71.8616,
72.3075

 60.5482, 71.8616,
72.3075


416.4179,
467.0597, 487.6175

 44.1118, 53.0456,
52.9215


 104.7263,
121.8597, 124.2054

 30.9567, 37.8392,
37.3528


133.1987,
153.8107, 157.5544

 20.7175, 25.8579,
25.1829


166.4139,
190.9088, 196.3949

 13.0290, 16.7174,
15.9931

204.7371,
233.5384, 241.1453

 7.5256, 10.0332,
9.3650

248.5338,
282.0839, 292.2242

 3.8422, 5.4210,
4.8799

298.1692,

 1.6132, 2.4963,

336.9297, 350.0502

2.1195

354.0088,
398.4602, 415.0418

■ 0.4010, 0.8748,
0.6273

■ 0.0000, 0.0000,
0.0000

■ 60.5482, 71.8616,
72.3075

■ 60.5482, 71.8616,
72.3075

■ 54.1318, 68.6984,
65.5655

■ 67.9504, 75.5276,
79.5193

■ 48.6509, 66.0064,
59.2786

■ 76.3737, 79.7086,
87.2056

■ 44.0597, 63.7640,
53.4384

■ 85.4892, 84.2368,
95.3597

■ 40.3060, 61.9446,
48.0342

■ 87.0546, 84.8629,
103.6030

■ 37.3317, 60.5185,
43.0550

■ 87.5882, 85.0764,
106.4127

■ 35.0712, 59.4519,
38.4888

■ 33.4470, 58.7051,
34.3230

■ 32.3442, 58.2191,
30.5430

■ 32.2186, 58.1645,
30.0773

Harmonies

Analogous

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



62.5491, 71.8616, 62.5926



60.5482, 71.8616, 72.3075



60.5638, 71.8616, 84.6888

Triad

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



60.5482, 71.8616, 72.3075



70.5167, 71.8616, 103.6406



74.3491, 71.8616, 62.4790

Complementary

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



60.5482, 71.8616, 72.3075



61.5466, 56.8217, 66.1194

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.



76.6735, 71.8616, 72.1368



60.5482, 71.8616, 72.3075



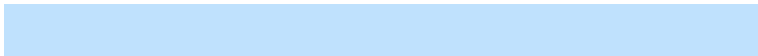
74.3979, 71.8616, 96.3110

Square

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



60.5482, 71.8616, 72.3075



66.1963, 71.8616, 103.6988



76.6917, 71.8616, 84.4991



70.4525, 71.8616, 57.3398

Rectangle

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



60.5482, 71.8616, 72.3075



61.7106, 71.8616, 92.8520



76.6917, 71.8616, 84.4991



75.3474, 71.8616, 65.2565

Sweetspot

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



60.5502, 71.8646, 72.3091



88.5738, 96.7850, 103.0144



62.8198, 73.3567, 57.8630



18.8137, 20.6442, 21.9150



0.0000, 0.0000, 0.0000



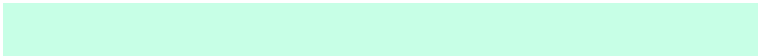
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5502, 71.8646, 72.3091



73.5990, 89.3734, 88.3889



62.4810, 71.6854, 85.4101



14.5244, 16.2232, 17.0263



18.3020, 32.9529, 17.3565



1.3990, 2.4537, 1.5278

Inverse Universe

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



61.5466, 56.8217, 66.1194



75.0530, 67.4259, 79.3600



59.8348, 56.8723, 54.8385



14.6403, 14.4733, 16.3060



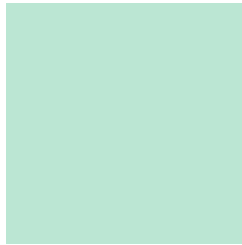
19.8819, 10.0870, 8.2732



1.5153, 0.7638, 0.8541

Previews

White Background



This preview shows how the XYZ color 60.5482, 71.8616, 72.3075 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 60.5482, 71.8616, 72.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

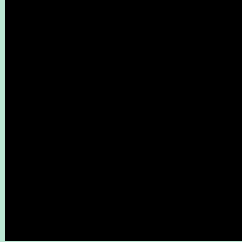
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

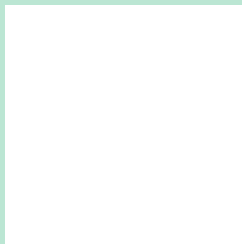
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5482, 71.8616, 72.3075

Background



This preview shows how black text looks on a background with the XYZ color 60.5482, 71.8616, 72.3075.

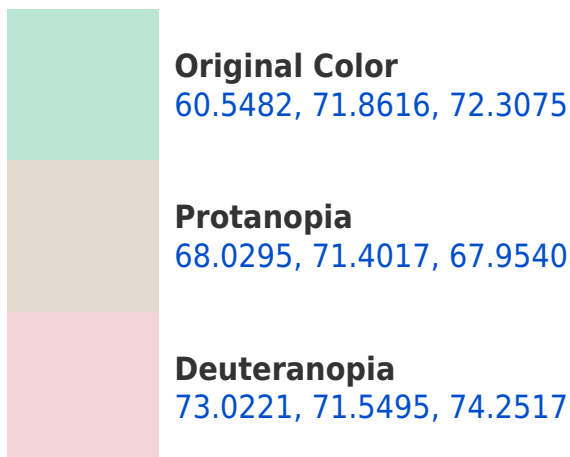


This preview shows how white text looks on a background with the XYZ color 60.5482, 71.8616,

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

65.0952, 71.6589, 95.1947

Trichromacy



Original Color

60.5482, 71.8616, 72.3075

Protanomaly

64.8015, 71.2774, 69.3740

Deuteranomaly

67.9005, 71.2061, 73.7837

Tritanomaly

63.3787, 71.7841, 86.1166

Monochromacy



Original Color

60.5482, 71.8616, 72.3075

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.9076, 69.0206, 73.6250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5482, 71.8616, 72.3075 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(187, 230, 211)` looks like.

```
.text, #text, p{  
    color:rgb(187, 230, 211)  
}
```

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(187, 230, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 230, 211) }
```

Border

The CSS property to change the border of an element to XYZ 60.5482, 71.8616, 72.3075 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(187, 230, 211) }
```


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

```
.border{ border-color:rgb(187, 230, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 230, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 230, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 230, 211);  
box-shadow:4px 4px 4px 4px rgb(187, 230,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5482, 71.8616, 72.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 230, 211) }
```

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

```
.background{ background-color: rgb(187,  
230, 211) }
```

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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