

Converting Colors

XYZ(62.4242, 71.9407, 84.2721)

Have a look what the booklet for
XYZ(62.4242, 71.9407, 84.2721)
contains.

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Color

**XYZ(62.2405, 71.6530,
83.9488)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE4E4
RGB	187, 228, 228
RGB Percent	73%, 89%, 89%
CMY	0.2667, 0.1059, 0.1059
CMYK	0.18, 0.00, 0.00, 0.11
HSL	180°, 43%, 81%
HSV	180°, 18%, 89%
XYZ	62.2405, 71.6530, 83.9488
YIQ	215.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

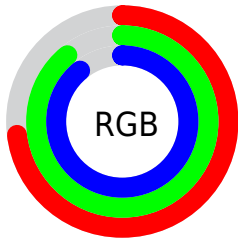
Format	Color
R _Y B	187, 208, 228
Decimal	12313828
CIE Lab	87.80, -13.23, -4.42
CIE LCh	88, 13.948, 198.495
Yxy	71.6530, 0.2857, 0.3289
Android (android.graphics.Color)	4290503908 (0xFFBBE4E4)
YUV	215.7410, 6.0437, -25.2059
Hunter-Lab	84.6481, -16.8857, 0.4535

Details

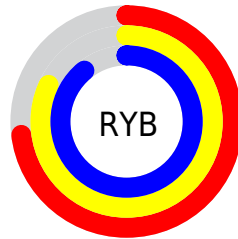
The XYZ color **62.2405, 71.6530, 83.9488** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.7374, 55.6245, 54.6575**, and the grayscale version is **65.0678, 68.4564, 74.5490**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **32.1593, 37.8908, 45.1538** is the 20% darker color. If you saturate the color by 10%, you get **57.0998, 69.0048, 83.7085**, and if you desaturate by 10%, it is **68.2709, 74.7637, 84.2337**.

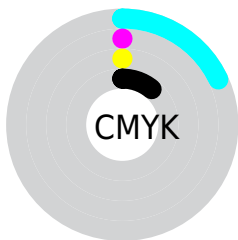
Distribution



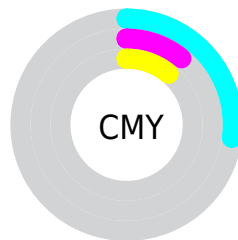
- Red (73%)
- Green (89%)
- Blue (89%)



- Red (73%)
- Yellow (82%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2405, 71.6530, 83.9488 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 62.2405, 71.6530, 83.9488 by changing the saturation by 10% instead.

62.2405, 71.6530,
83.9488

62.2405, 71.6530,
83.9488

422.5114,
466.3329, 528.1968

45.4834, 52.8753,
62.4280

107.1610,
121.5631, 140.7646

32.0412, 37.7032,
44.9406

136.0551,
153.4642, 176.8968

21.5487, 25.7524,
31.0680

169.7257,
190.5085, 218.7365

13.6404, 16.6385,
20.3918

208.5379,
233.0805, 266.7022

7.9510, 9.9771,
12.4932

252.8573,
281.5646, 321.2126

4.1152, 5.3838,
6.9539

303.0490,

1.7675, 2.4742,

336.3451, 382.6861

3.3553

359.4786,
397.8064, 451.5413

■ 0.4980, 0.8637,
1.2788

■ 0.0000, 0.0000,
0.0443

■ 62.2405, 71.6530,
83.9488

■ 62.2405, 71.6530,
83.9488

■ 57.0998, 69.0048,
83.7085

■ 68.2709, 74.7637,
84.2337

■ 52.8009, 66.7886,
83.5062

■ 75.2238, 78.3480,
84.5603

■ 49.3009, 64.9843,
83.3412

■ 82.9892, 82.3511,
84.9249

■ 46.5505, 63.5665,
83.2112

■ 82.9894, 82.3512,
84.9261

■ 44.4950, 62.5069,
83.1139

■ 82.9896, 82.3513,
84.9273

■ 43.0724, 61.7735,
83.0461

■ 82.9899, 82.3514,
84.9286

■ 42.2095, 61.3287,
83.0045

■ 82.9901, 82.3515,
84.9298

■ 41.8042, 61.1198,
82.9843

■ 82.9903, 82.3516,
84.9310

■ 41.7466, 61.0901,
82.9814

■ 82.9905, 82.3517,
84.9322

Harmonies

Analogous

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



62.0514, 71.6530, 74.4360



62.2405, 71.6530, 83.9488



63.9698, 71.6530, 92.4917

Triad

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



62.2405, 71.6530, 83.9488



72.9863, 71.6530, 90.7411



69.3823, 71.6530, 61.4735

Complementary

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



62.2405, 71.6530, 83.9488



58.7374, 55.6245, 54.6575

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.



72.4127, 71.6530, 65.1389



62.2405, 71.6530, 83.9488



74.5380, 71.6530, 81.7130

Square

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



62.2405, 71.6530, 83.9488



70.1446, 71.6530, 96.6271



74.3247, 71.6530, 72.3732



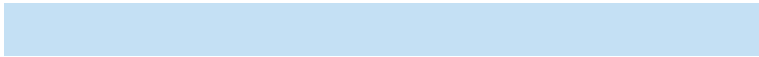
66.1034, 71.6530, 61.9659

Rectangle

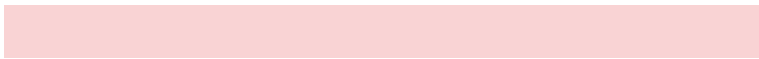
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.2405, 71.6530, 83.9488



65.7958, 71.6530, 96.2497



74.3247, 71.6530, 72.3732



70.4657, 71.6530, 62.2474

Sweetspot

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



62.2426, 71.6559, 83.9504



90.5137, 97.6615, 108.6869



57.3763, 69.7288, 57.4500



19.2425, 20.8359, 23.2573



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.



62.2426, 71.6559, 83.9504



77.3360, 90.8682, 108.0676



57.0998, 61.3697, 82.2382



14.8075, 16.3364, 18.5169



24.1050, 35.2741, 47.9145



1.7813, 2.6066, 3.5408

Inverse Universe

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



58.7374, 55.6245, 54.6575



71.9381, 66.1799, 62.9569



63.2355, 64.6212, 56.1553



14.3771, 14.3680, 14.9202



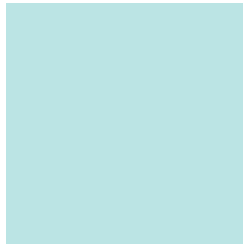
18.4751, 9.5243, 0.8650



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 62.2405, 71.6530, 83.9488 looks on a white background.

Color Contrast Check

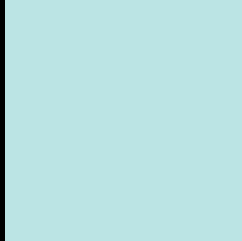
Large Text (above 18pt) WCAG AA × Fail

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 62.2405, 71.6530, 83.9488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

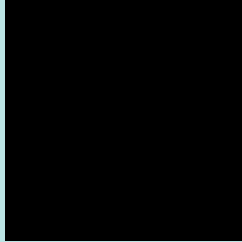
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2405, 71.6530, 83.9488

Background



This preview shows how black text looks on a background with the XYZ color 62.2405, 71.6530, 83.9488.

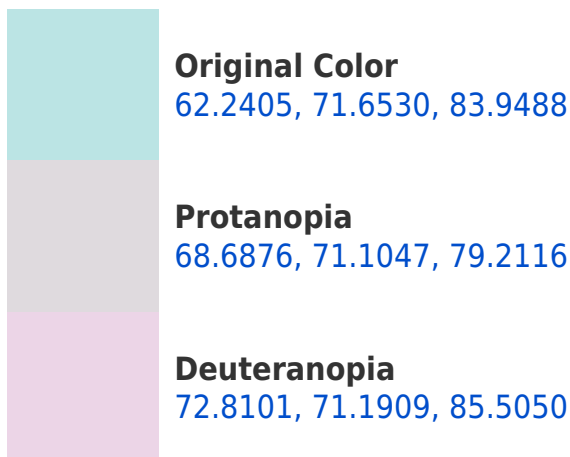


This preview shows how white text looks on a background with the XYZ color 62.2405, 71.6530,

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

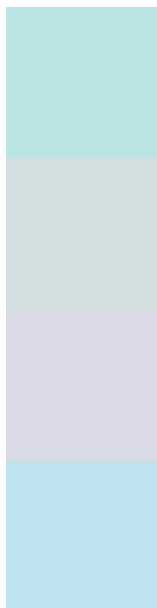




Tritanopia

64.7607, 71.8715, 96.0473

Trichromacy



Original Color

62.2405, 71.6530, 83.9488

Protanomaly

66.1542, 71.3260, 80.8016

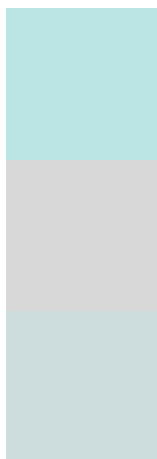
Deuteranomaly

68.2678, 70.7614, 84.9231

Tritanomaly

63.8880, 71.9300, 91.4056

Monochromacy



Original Color

62.2405, 71.6530, 83.9488

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.6883, 69.3328, 77.7360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2405, 71.6530, 83.9488 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, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(187, 228, 228)  
}
```

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, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 228, 228) }
```

Border

The CSS property to change the border of an element to XYZ 62.2405, 71.6530, 83.9488 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, 228, 228) }
```


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

```
.border{ border-color:rgb(187, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(187, 228,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2405, 71.6530, 83.9488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 228, 228) }
```

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

```
.background{ background-color: rgb(187,  
228, 228) }
```

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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