

Converting Colors

XYZ(62.5126, 71.4546, 83.1539)

Have a look what the booklet for
XYZ(62.5126, 71.4546, 83.1539)
contains.

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Color

**XYZ(62.5694, 71.4314,
83.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE3E3
RGB	190, 227, 227
RGB Percent	75%, 89%, 89%
CMY	0.2549, 0.1098, 0.1098
CMYK	0.16, 0.00, 0.00, 0.11
HSL	180°, 40%, 82%
HSV	180°, 16%, 89%
XYZ	62.5694, 71.4314, 83.1629
YIQ	215.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

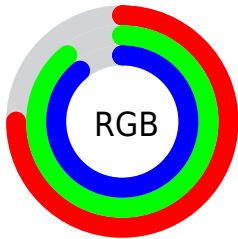
Format	Color
R_{YB}	190, 209, 227
Decimal	12510179
CIE _{Lab}	87.69, -12.00, -4.04
CIE _{LCh}	88, 12.663, 198.583
Yxy	71.4314, 0.2881, 0.3289
Android (android.graphics.Color)	4290700259 (0xFFBEE3E3)
YUV	215.9370, 5.4541, -22.7467
Hunter-Lab	84.5171, -15.7584, 0.8220

Details

The XYZ color **62.5694, 71.4314, 83.1629** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.3888, 56.8774, 56.5666**, and the grayscale version is **65.2038, 68.5995, 74.7049**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **32.3523, 37.7178, 44.6049** is the 20% darker color. If you saturate the color by 10%, you get **57.3356, 68.7352, 82.9180**, and if you desaturate by 10%, it is **68.6904, 74.5887, 83.4523**.

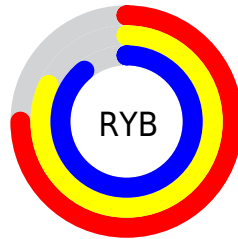
Distribution



Red (75%)

Green (89%)

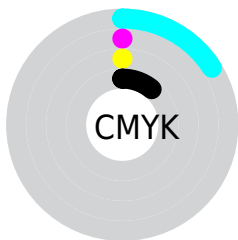
Blue (89%)



Red (75%)

Yellow (82%)

Blue (89%)

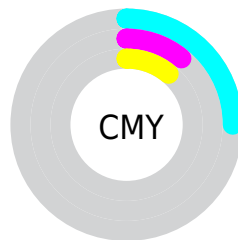


Cyan (16%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5694, 71.4314, 83.1629 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 62.5694, 71.4314, 83.1629 by changing the saturation by 10% instead.

■ 62.5694, 71.4314,
83.1629

■ 62.5694, 71.4314,
83.1629

423.6896,
465.5601, 525.5145

■ 45.7503, 52.6943,
61.7832

■ 107.6334,
121.2478, 139.6549

■ 32.2526, 37.5588,
44.4228

136.6089,
153.0959, 175.6042

■ 21.7110, 25.6404,
30.6634

170.3673,
190.0831, 217.2471

■ 13.7601, 16.5549,
20.0864

209.2739,
232.5939, 265.0021

■ 8.0346, 9.9176,
12.2732

253.6941,
281.0126, 319.2878

■ 4.1691, 5.3444,
6.8052

303.9932,

■ 1.7982, 2.4507,

335.7236, 380.5228

3.2640

360.5366,
397.1113, 449.1255

■ 0.5166, 0.8518,
1.2310

■ 0.0000, 0.0000,
0.0042

■ 62.5694, 71.4314,
83.1629

■ 62.5694, 71.4314,
83.1629

■ 57.3356, 68.7352,
82.9180

■ 68.6904, 74.5887,
83.4523

■ 52.9421, 66.4703,
82.7110

■ 75.7305, 78.2180,
83.7832

■ 49.3469, 64.6169,
82.5413

■ 82.5766, 81.7473,
84.1051

■ 46.5021, 63.1504,
82.4067

■ 82.5768, 81.7474,
84.1065

■ 44.3547, 62.0434,
82.3048

■ 82.5771, 81.7475,
84.1080

■ 42.8446, 61.2650,
82.2327

■ 82.5774, 81.7476,
84.1094

■ 41.9019, 60.7790,
82.1871

■ 82.5777, 81.7477,
84.1109

■ 41.4387, 60.5402,
82.1640

■ 82.5779, 81.7478,
84.1123

■ 41.3334, 60.4860,
82.1585

■ 82.5782, 81.7479,
84.1138

Harmonies

Analogous

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



62.3928, 71.4314, 74.5510



62.5694, 71.4314, 83.1629



64.1472, 71.4314, 90.8397

Triad

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



62.5694, 71.4314, 83.1629



72.3133, 71.4314, 89.2294



69.0421, 71.4314, 62.6762

Complementary

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



62.5694, 71.4314, 83.1629



59.3888, 56.8774, 56.5666

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.



71.7827, 71.4314, 66.0301



62.5694, 71.4314, 83.1629



73.7082, 71.4314, 81.0940

Square

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



62.5694, 71.4314, 83.1629



69.7490, 71.4314, 94.5162



73.5112, 71.4314, 72.6281



66.0711, 71.4314, 63.1403

Rectangle

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



62.5694, 71.4314, 83.1629



65.8080, 71.4314, 94.1982



73.5112, 71.4314, 72.6281



70.0224, 71.4314, 63.3839

Sweetspot

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



62.5715, 71.4344, 83.1645



90.5136, 97.6614, 108.6868



58.1550, 69.6856, 59.1020



19.2424, 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.



62.5715, 71.4344, 83.1645



78.7111, 91.5771, 108.1316



57.9315, 62.1536, 81.6201



14.8075, 16.3364, 18.5168



24.1047, 35.2740, 47.9130



1.7813, 2.6066, 3.5407

Inverse Universe

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



59.3888, 56.8774, 56.5666



73.7325, 68.8056, 66.5242



63.5028, 65.1060, 57.9361



14.3771, 14.3680, 14.9203



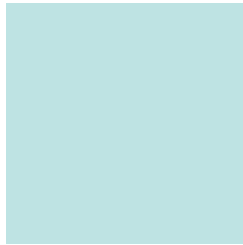
18.4751, 9.5243, 0.8651



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 62.5694, 71.4314, 83.1629 looks on a white background.

Color Contrast Check

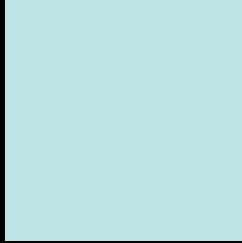
Large Text (above 18pt) WCAG AA × Fail

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 62.5694, 71.4314, 83.1629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

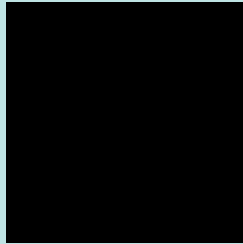
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5694, 71.4314, 83.1629

Background



This preview shows how black text looks on a background with the XYZ color 62.5694, 71.4314, 83.1629.

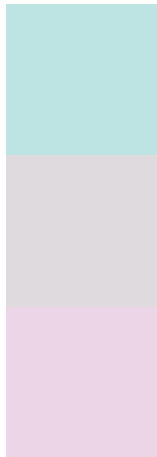


This preview shows how white text looks on a background with the XYZ color 62.5694, 71.4314,

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

62.5694, 71.4314, 83.1629

Protanopia

68.3804, 70.9463, 79.1972

Deuteranopia

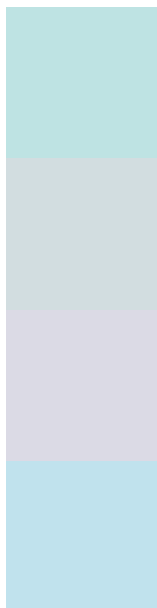
72.6692, 71.1345, 84.7632



Tritanopia

65.0952, 71.6589, 95.1947

Trichromacy



Original Color

62.5694, 71.4314, 83.1629

Protanomaly

65.8893, 70.7964, 80.7133

Deuteranomaly

68.4277, 70.8600, 84.1996

Tritanomaly

64.2206, 71.7136, 90.5781

Monochromacy



Original Color

62.5694, 71.4314, 83.1629

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.2436, 69.6191, 77.7620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5694, 71.4314, 83.1629 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(190, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(190, 227, 227)  
}
```

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(190, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 62.5694, 71.4314, 83.1629 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(190, 227, 227) }
```


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

```
.border{ border-color:rgb(190, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(190, 227,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5694, 71.4314, 83.1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 227, 227) }
```

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

```
.background{ background-color: rgb(190,  
227, 227) }
```

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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