

Converting Colors

XYZ(61.0092, 70.2852, 80.1629)

Have a look what the booklet for
XYZ(61.0092, 70.2852, 80.1629)
contains.

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Color

**XYZ(61.0092, 70.2852,
80.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE2DF
RGB	187, 226, 223
RGB Percent	73%, 89%, 87%
CMY	0.2667, 0.1137, 0.1255
CMYK	0.17, 0.00, 0.01, 0.11
HSL	175°, 40%, 81%
HSV	175°, 17%, 89%
XYZ	61.0092, 70.2852, 80.1629
YIQ	213.9970, -22.2810, -9.2010

Conversions

Conversions Part 2

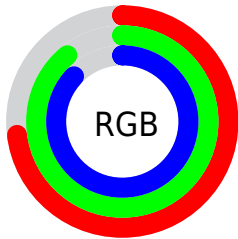
Format	Color
RYB	187, 207, 226
Decimal	12313311
CIELab	87.14, -13.24, -2.77
CIELCh	87, 13.532, 191.819
Yxy	70.2852, 0.2885, 0.3324
Android (android.graphics.Color)	4290503391 (0xFFBBE2DF)
YUV	213.9970, 4.4385, -23.6764
Hunter-Lab	83.8363, -16.8157, 1.9932

Details

The XYZ color **61.0092, 70.2852, 80.1629** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.4312, 55.4291, 56.3376**, and the grayscale version is **63.8980, 67.2256, 73.2087**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **31.3037, 36.9395, 42.5259** is the 20% darker color. If you saturate the color by 10%, you get **55.6766, 67.5650, 78.6963**, and if you desaturate by 10%, it is **67.2184, 73.4608, 81.6861**.

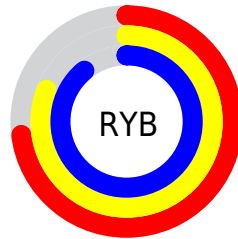
Distribution



Red (73%)

Green (89%)

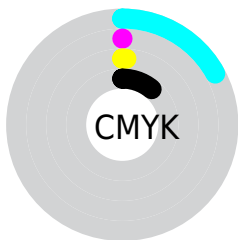
Blue (87%)



Red (73%)

Yellow (81%)

Blue (89%)

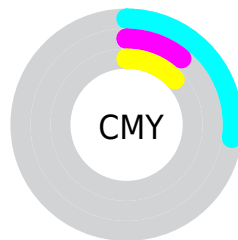


Cyan (17%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0092, 70.2852, 80.1629 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 61.0092, 70.2852, 80.1629 by changing the saturation by 10% instead.

61.0092, 70.2852,
80.1629

61.0092, 70.2852,
80.1629

418.0831,
461.5508, 515.2029

44.4852, 51.7591,
59.3255

105.3903,
119.6154, 135.4082

31.2516, 36.8131,
42.4534

133.9781,
151.1882, 170.6531

20.9433, 25.0628,
29.1283

167.3178,
187.8788, 211.5377

13.1948, 16.1238,
18.9315

205.7748,
230.0714, 258.4803

7.6407, 9.6118,
11.4445

249.7145,
278.1505, 311.8996

3.9158, 5.1424,
6.2487

299.5022,

1.6546, 2.3310,

332.5005, 372.2141

2.9257

355.5033,
393.5058, 439.8424

■ 0.4276, 0.7901,
1.0568

■ 0.0000, 0.0000,
0.0000

■ 61.0092, 70.2852,
80.1629

■ 61.0092, 70.2852,
80.1629

■ 55.6766, 67.5650,
78.6963

■ 67.2184, 73.4608,
81.6861

■ 51.1739, 65.2704,
77.2795

■ 74.3361, 77.1025,
83.2630

■ 47.4592, 63.3819,
75.9122

■ 82.3999, 81.2318,
84.8968

■ 44.4849, 61.8747,
74.5920

■ 82.7152, 81.3662,
86.1807

42.1977, 60.7215,
73.3163

82.9608, 81.4645,
87.4741

40.5376, 59.8913,
72.0825

83.2089, 81.5637,
88.7804

39.4340, 59.3476,
70.8870

83.4594, 81.6639,
90.0995

38.7938, 59.0426,
69.7256

83.7124, 81.7651,
91.4317

38.6571, 58.9790,
69.4110

83.9678, 81.8673,
92.7768

Harmonies

Analogous

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



61.1743, 70.2852, 71.2058



61.0092, 70.2852, 80.1629



62.3601, 70.2852, 88.7786

Triad

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



61.0092, 70.2852, 80.1629



70.9546, 70.2852, 90.3011



68.7255, 70.2852, 61.1014

Complementary

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



61.0092, 70.2852, 80.1629



58.4312, 55.4291, 56.3376

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.



71.4541, 70.2852, 65.4608



61.0092, 70.2852, 80.1629



72.7688, 70.2852, 82.1104

Square

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



61.0092, 70.2852, 80.1629



68.0612, 70.2852, 94.9341



72.9545, 70.2852, 73.0059



65.5623, 70.2852, 60.6705

Rectangle

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



61.0092, 70.2852, 80.1629



63.9643, 70.2852, 92.9842



72.9545, 70.2852, 73.0059



69.7265, 70.2852, 62.1389

Sweetspot

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



61.0112, 70.2881, 80.1645



90.3561, 97.5984, 107.8574



57.4659, 68.9629, 57.2975



19.2040, 20.8206, 23.0549



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.



61.0112, 70.2881, 80.1645



77.3617, 90.9572, 104.6442



57.2081, 62.0280, 80.9122



14.0686, 15.5532, 17.3967



22.0730, 33.6540, 39.7029



1.5437, 2.3382, 2.8244

Inverse Universe

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



58.4312, 55.4291, 56.3376



73.3205, 67.6789, 67.3199



61.7512, 62.5891, 55.8414



13.7498, 13.7176, 14.4529



17.9694, 9.2548, 1.2388



1.2607, 0.6476, 0.1657

Previews

White Background



This preview shows how the XYZ color 61.0092, 70.2852, 80.1629 looks on a white background.

Color Contrast Check

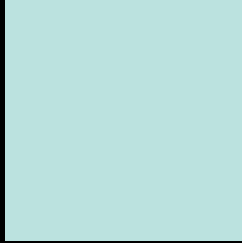
Large Text (above 18pt) WCAG AA × Fail

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 61.0092, 70.2852, 80.1629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

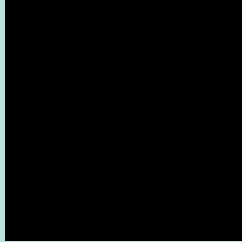
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

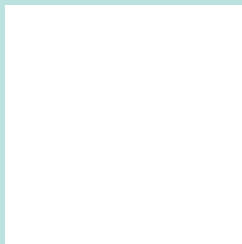
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0092, 70.2852, 80.1629

Background



This preview shows how black text looks on a background with the XYZ color 61.0092, 70.2852, 80.1629.

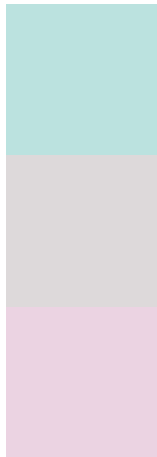


This preview shows how white text looks on a background with the XYZ color 61.0092, 70.2852,

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

61.0092, 70.2852, 80.1629

Protanopia

67.2865, 70.0598, 76.3062

Deuteranopia

71.2827, 69.7417, 81.6560



Tritanopia

63.5001, 70.0734, 93.3978

Trichromacy



Original Color

61.0092, 70.2852, 80.1629

Protanomaly

64.8060, 69.9090, 77.7883

Deuteranomaly

67.0599, 69.4534, 81.1056

Tritanomaly

62.4932, 70.0706, 88.0731

Monochromacy



Original Color

61.0092, 70.2852, 80.1629

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.4976, 67.9899, 75.4750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0092, 70.2852, 80.1629 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(187, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(187, 226, 223)  
}
```

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, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 226, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.0092, 70.2852, 80.1629 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(187, 226, 223) }
```


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

```
.border{ border-color:rgb(187, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(187, 226,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0092, 70.2852, 80.1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 226, 223) }
```

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

```
.background{ background-color: rgb(187,  
226, 223) }
```

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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