

Converting Colors

XYZ(58.5105, 71.0598, 71.3151)

Have a look what the booklet for
XYZ(58.5105, 71.0598, 71.3151)
contains.

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Color

**XYZ(58.7992, 71.3887,
71.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E7D2
RGB	179, 231, 210
RGB Percent	70%, 91%, 82%
CMY	0.2980, 0.0941, 0.1765
CMYK	0.23, 0.00, 0.09, 0.09
HSL	156°, 52%, 80%
HSV	156°, 23%, 91%
XYZ	58.7992, 71.3887, 71.6531
YIQ	213.0580, -24.2510, -17.5550

Conversions

Conversions Part 2

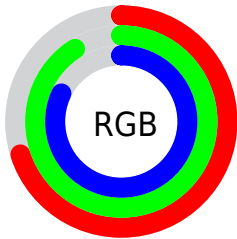
Format	Color
RYB	179, 212, 231
Decimal	11790290
CIELab	87.67, -20.83, 4.79
CIELCh	88, 21.374, 167.063
Yxy	71.3887, 0.2913, 0.3537
Android (android.graphics.Color)	4289980370 (0xFFB3E7D2)
YUV	213.0580, -1.5076, -29.8689
Hunter-Lab	84.4918, -23.6397, 8.8635

Details

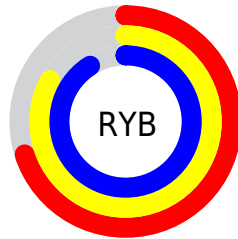
The XYZ color **58.7992, 71.3887, 71.6531** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.5030, 53.4011, 61.8180**, and the grayscale version is **63.3077, 66.6046, 72.5324**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **29.7882, 37.4202, 37.1053** is the 20% darker color. If you saturate the color by 10%, you get **52.7725, 68.4142, 65.4800**, and if you desaturate by 10%, it is **65.7920, 74.8573, 78.2282**.

Distribution



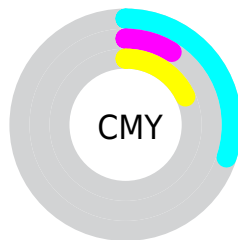
- Red (70%)
- Green (91%)
- Blue (82%)



- Red (70%)
- Yellow (83%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (30%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7992, 71.3887, 71.6531 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 58.7992, 71.3887, 71.6531 by changing the saturation by 10% instead.

■ 58.7992, 71.3887,
71.6531

■ 58.7992, 71.3887,
71.6531

410.0634,
465.4111, 485.2783

■ 42.6972, 52.6595,
52.3902

■ 102.2021,
121.1870, 123.2663

■ 29.8411, 37.5310,
36.9318

130.2337,
153.0249, 156.4538

■ 19.8655, 25.6189,
24.8594

162.9726,
190.0011, 195.1199

■ 12.4050, 16.5387,
15.7542

200.7841,
232.5001, 239.6831

■ 7.0943, 9.9062,
9.1979

244.0335,
280.9061, 290.5620

■ 3.5680, 5.3368,
4.7719

293.0864,

■ 1.4608, 2.4462,

335.6037, 348.1751

2.0577

348.3079,
396.9773, 412.9411

■ 0.2989, 0.8495,
0.5904

■ 0.0000, 0.0000,
0.0000

■ 58.7992, 71.3887,
71.6531

■ 58.7992, 71.3887,
71.6531

■ 52.7725, 68.4142,
65.4800

■ 65.7920, 74.8573,
78.2282

■ 47.6604, 65.9015,
59.6960

■ 73.7875, 78.8329,
85.2085

■ 43.4152, 63.8282,
54.2943

■ 82.8277, 83.3390,
92.6029

■ 39.9826, 62.1664,
49.2661

■ 86.6554, 85.1497,
100.1242

■ 37.3017, 60.8848,
44.6019

■ 87.8672, 85.6345,
106.5057

■ 35.3025, 59.9475,
40.2920

■ 33.9009, 59.3113,
36.3253

■ 33.1434, 58.9809,
33.5708

Harmonies

Analogous

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



60.9716, 71.3887, 60.2410



58.7992, 71.3887, 71.6531



58.9642, 71.3887, 86.2023

Triad

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



58.7992, 71.3887, 71.6531



70.7499, 71.3887, 107.5499



74.7035, 71.3887, 59.0513

Complementary

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



58.7992, 71.3887, 71.6531



59.5030, 53.4011, 61.8180

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.



77.5926, 71.3887, 69.8322



58.7992, 71.3887, 71.6531



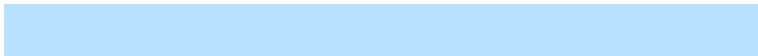
75.2332, 71.3887, 98.3137

Square

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



58.7992, 71.3887, 71.6531



65.6963, 71.3887, 108.1963



77.7911, 71.3887, 84.1415



70.0560, 71.3887, 53.5982

Rectangle

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



58.7992, 71.3887, 71.6531



60.3763, 71.3887, 95.7757



77.7911, 71.3887, 84.1415



75.9224, 71.3887, 62.1068

Sweetspot

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



58.8012, 71.3917, 71.6547



87.6460, 96.3147, 102.6079



60.7129, 72.7810, 53.4972



18.6296, 20.5506, 21.8487



0.0000, 0.0000, 0.0000



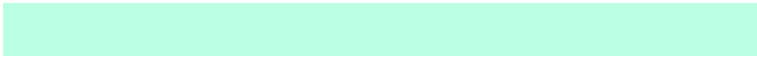
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8012, 71.3917, 71.6547



69.9379, 87.5346, 86.0222



60.3946, 70.1122, 85.9547



14.5481, 16.2327, 17.1513



18.6428, 33.0892, 19.1511



1.4233, 2.4635, 1.6559

Inverse Universe

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



59.5030, 53.4011, 61.8180



70.9627, 61.2939, 71.6806



58.0962, 54.2501, 50.0582



14.6170, 14.4640, 16.1836



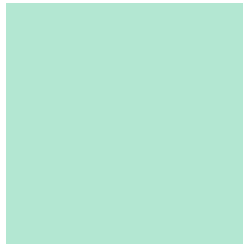
19.6478, 9.9933, 7.0402



1.4969, 0.7565, 0.7572

Previews

White Background



This preview shows how the XYZ color 58.7992, 71.3887, 71.6531 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 58.7992, 71.3887, 71.6531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

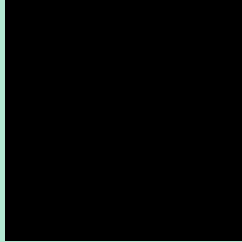
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

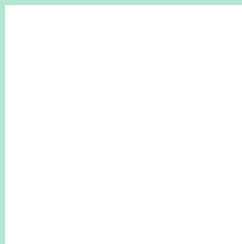
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7992, 71.3887, 71.6531

Background



This preview shows how black text looks on a background with the XYZ color 58.7992, 71.3887, 71.6531.



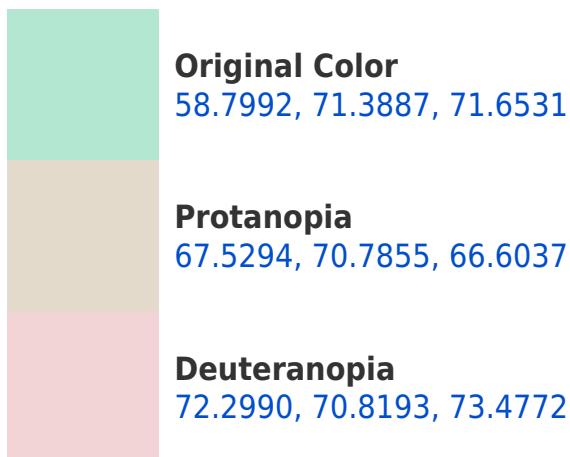
This preview shows how white text looks on a background with the XYZ color 58.7992, 71.3887,

71.6531.

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

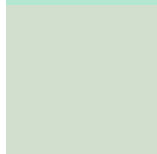
63.7752, 71.3635, 96.0012

Trichromacy



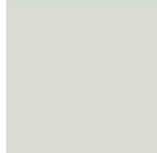
Original Color

58.7992, 71.3887, 71.6531



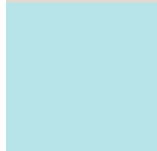
Protanomaly

64.1066, 70.9332, 68.7052



Deuteranomaly

66.5552, 70.5272, 73.0561



Tritanomaly

61.8373, 71.3803, 86.8625

Monochromacy



Original Color

58.7992, 71.3887, 71.6531



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

61.5643, 68.3574, 72.2369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7992, 71.3887, 71.6531 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(179, 231, 210)` looks like.

```
.text, #text, p{  
    color:rgb(179, 231, 210)  
}
```

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(179, 231, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 231, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.7992, 71.3887, 71.6531 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(179, 231, 210) }
```


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

```
.border{ border-color:rgb(179, 231, 210) }
```

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

Here you see how a box with a 4 pixel rgb(179, 231, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 231, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 231, 210);  
box-shadow:4px 4px 4px 4px rgb(179, 231,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7992, 71.3887, 71.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 231, 210) }
```

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

```
.background{ background-color: rgb(179,  
231, 210) }
```

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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