

Converting Colors

XYZ(60.0371, 70.3691, 75.4064)

Have a look what the booklet for
XYZ(60.0371, 70.3691, 75.4064)
contains.

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Color

**XYZ(59.8713, 70.2103,
75.3621)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E3D8
RGB	185, 227, 216
RGB Percent	73%, 89%, 85%
CMY	0.2745, 0.1098, 0.1529
CMYK	0.19, 0.00, 0.05, 0.11
HSL	164°, 43%, 81%
HSV	164°, 19%, 89%
XYZ	59.8713, 70.2103, 75.3621
YIQ	213.1880, -21.5010, -12.3250

Conversions

Conversions Part 2

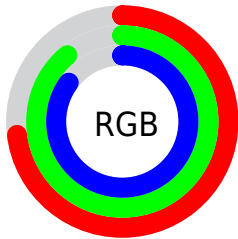
Format	Color
RYB	185, 209, 227
Decimal	12182488
CIELab	87.10, -15.79, 0.84
CIELCh	87, 15.808, 176.936
Yxy	70.2103, 0.2914, 0.3417
Android (android.graphics.Color)	4290372568 (0xFFB9E3D8)
YUV	213.1880, 1.3863, -24.7209
Hunter-Lab	83.7916, -19.0923, 5.3287

Details

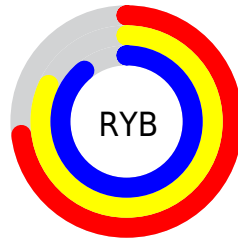
The XYZ color **59.8713, 70.2103, 75.3621** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.9938, 55.0161, 59.7374**, and the grayscale version is **63.3745, 66.6749, 72.6090**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **30.5456, 36.9036, 39.2314** is the 20% darker color. If you saturate the color by 10%, you get **54.0717, 67.3096, 71.1508**, and if you desaturate by 10%, it is **66.5771, 73.5787, 79.7640**.

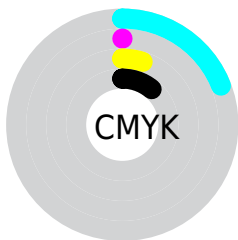
Distribution



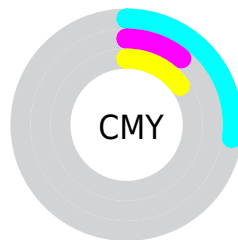
- Red (73%)
- Green (89%)
- Blue (85%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8713, 70.2103, 75.3621 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 59.8713, 70.2103, 75.3621 by changing the saturation by 10% instead.

■ 59.8713, 70.2103,
75.3621

■ 59.8713, 70.2103,
75.3621

413.9656,
461.2881, 498.4498

■ 43.5640, 51.6980,
55.4061

■ 103.7504,
119.5086, 128.5766

■ 30.5243, 36.7644,
39.3261

132.0528,
151.0634, 162.6722

■ 20.3869, 25.0251,
26.7038

165.0843,
187.7345, 202.3180

■ 12.7865, 16.0958,
17.1204

203.2103,
229.9063, 247.9326

■ 7.3577, 9.5920,
10.1575

246.7960,
277.9631, 299.9345

■ 3.7351, 5.1293,
5.3965

296.2069,

■ 1.5534, 2.3233,

332.2894, 358.7424

2.4190

351.8083,
393.2696, 424.7746

■ 0.3617, 0.7860,
0.7968

■ 0.0000, 0.0000,
0.0000

■ 59.8713, 70.2103,
75.3621

■ 59.8713, 70.2103,
75.3621

■ 54.0717, 67.3096,
71.1508

■ 66.5771, 73.5787,
79.7640

■ 49.1305, 64.8464,
67.1220

■ 74.2219, 77.4261,
84.3551

■ 45.0048, 62.8004,
63.2736

■ 82.8445, 81.7742,
89.1402

■ 41.6453, 61.1463,
59.6017

■ 84.4071, 82.4794,
93.7446

■ 38.9972, 59.8559,
56.1021

■ 85.3042, 82.8383,
98.4689

■ 36.9984, 58.8971,
52.7703

■ 86.2306, 83.2088,
103.3471

■ 35.5755, 58.2323,
49.6013

■ 86.7604, 83.4207,
106.1368

■ 34.6208, 57.8058,
46.5883

■ 34.4953, 57.7507,
46.1495

Harmonies

Analogous

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



60.9409, 70.2103, 65.8513



59.8713, 70.2103, 75.3621



60.5833, 70.2103, 86.0629

Triad

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



59.8713, 70.2103, 75.3621



70.0109, 70.2103, 96.1089



70.6939, 70.2103, 60.5972

Complementary

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



59.8713, 70.2103, 75.3621



58.9938, 55.0161, 59.7374

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.



73.2849, 70.2103, 67.5756



59.8713, 70.2103, 75.3621



72.8805, 70.2103, 88.1226

Square

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



59.8713, 70.2103, 75.3621



66.3529, 70.2103, 98.6747



74.0994, 70.2103, 77.5424



67.1142, 70.2103, 57.8364

Rectangle

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



59.8713, 70.2103, 75.3621



61.9874, 70.2103, 92.3363



74.0994, 70.2103, 77.5424



71.7144, 70.2103, 62.4940

Sweetspot

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



59.8733, 70.2132, 75.3637



89.0047, 96.9573, 105.2838



59.0452, 70.2066, 56.3392



18.9157, 20.6850, 22.4520



0.0000, 0.0000, 0.0000



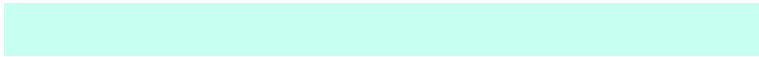
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8733, 70.2132, 75.3637



75.0600, 89.9578, 96.0825



58.7393, 65.5918, 82.2410



14.6378, 16.2685, 17.6233



20.1671, 33.6990, 27.1782



1.5279, 2.5053, 2.2065

Inverse Universe

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



58.9938, 55.0161, 59.7374



73.7265, 66.8953, 72.3744



59.9081, 58.7763, 54.0875



14.5312, 14.4297, 15.7317



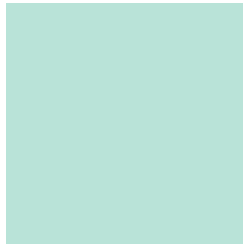
18.9833, 9.7275, 3.5411



1.4402, 0.7338, 0.4588

Previews

White Background



This preview shows how the XYZ color 59.8713, 70.2103, 75.3621 looks on a white background.

Color Contrast Check

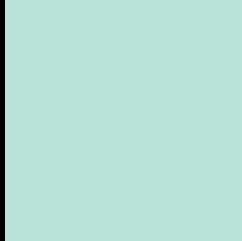
Large Text (above 18pt) WCAG AA × Fail

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 59.8713, 70.2103, 75.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

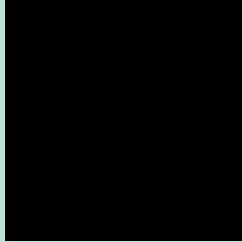
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

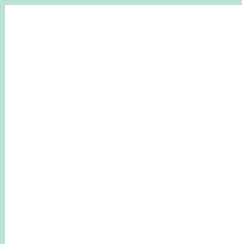
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8713, 70.2103, 75.3621

Background



This preview shows how black text looks on a background with the XYZ color 59.8713, 70.2103, 75.3621.



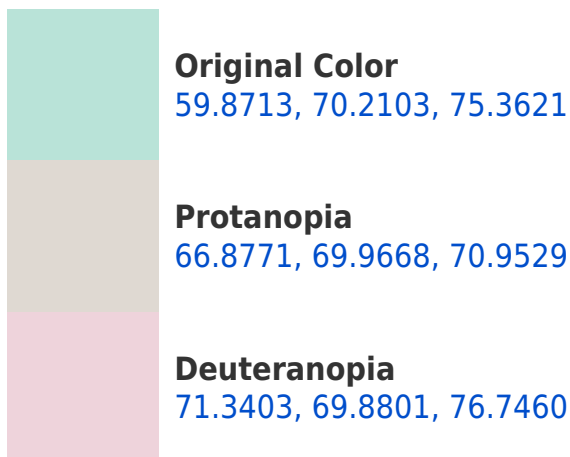
This preview shows how white text looks on a background with the XYZ color 59.8713, 70.2103,

75.3621.

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

63.5001, 70.0734, 93.3978

Trichromacy



Original Color

59.8713, 70.2103, 75.3621

Protanomaly

64.0346, 70.0217, 72.4279

Deuteranomaly

66.6812, 69.7477, 76.2779

Tritanomaly

61.9602, 69.8289, 86.5566

Monochromacy



Original Color

59.8713, 70.2103, 75.3621

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.8376, 67.6944, 73.4255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8713, 70.2103, 75.3621 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(185, 227, 216)` looks like.

```
.text, #text, p{  
    color:rgb(185, 227, 216)  
}
```

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(185, 227, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 227, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.8713, 70.2103, 75.3621 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(185, 227, 216) }
```


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

```
.border{ border-color:rgb(185, 227, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 227, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 227, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 227, 216);  
box-shadow:4px 4px 4px 4px rgb(185, 227,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8713, 70.2103, 75.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 227, 216) }
```

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

```
.background{ background-color: rgb(185,  
227, 216) }
```

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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