

Converting Colors

XYZ(51.7644, 59.3484, 64.1821)

Have a look what the booklet for
XYZ(51.7644, 59.3484, 64.1821)
contains.

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Color

**XYZ(51.7032, 59.2830,
63.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D1C9
RGB	178, 209, 201
RGB Percent	70%, 82%, 79%
CMY	0.3020, 0.1804, 0.2118
CMYK	0.15, 0.00, 0.04, 0.18
HSL	165°, 25%, 76%
HSV	165°, 15%, 82%
XYZ	51.7032, 59.2830, 63.9760
YIQ	198.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

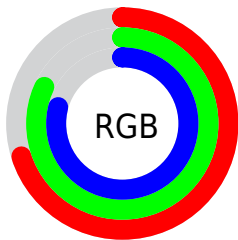
Format	Color
RYB	178, 196, 209
Decimal	11719113
CIELab	81.45, -11.87, 0.50
CIELCh	81, 11.881, 177.594
Yxy	59.2830, 0.2955, 0.3388
Android (android.graphics.Color)	4289909193 (0xFFB2D1C9)
YUV	198.8190, 1.0752, -18.2583
Hunter-Lab	76.9955, -14.8776, 4.6324

Details

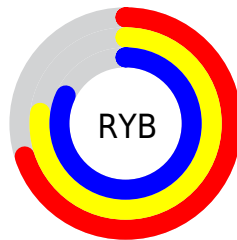
The XYZ color **51.7032, 59.2830, 63.9760** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0800, 48.9429, 53.2119**, and the grayscale version is **54.1775, 56.9989, 62.0718**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **25.4453, 29.9092, 32.0357** is the 20% darker color. If you saturate the color by 10%, you get **46.6450, 56.7491, 60.4850**, and if you desaturate by 10%, it is **57.5177, 62.2075, 67.6213**.

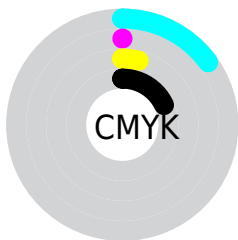
Distribution



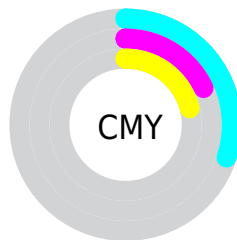
- Red (70%)
- Green (82%)
- Blue (79%)



- Red (70%)
- Yellow (77%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7032, 59.2830, 63.9760 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 51.7032, 59.2830, 63.9760 by changing the saturation by 10% instead.

■ 51.7032, 59.2830,
63.9760

■ 51.7032, 59.2830,
63.9760

383.6325,
421.9499, 457.3080

■ 36.9919, 42.8410,
46.1852

■ 91.8702, 103.7889,
112.1755

■ 25.3748, 29.7604,
32.0423

118.0566,
132.6215, 143.4213

■ 16.4868, 19.6568,
21.1287

148.7987,
166.3531, 179.9891

■ 9.9623, 12.1458,
13.0259

184.4619,
205.3681, 222.2975

■ 5.4360, 6.8430,
7.3155

225.4115,
250.0509, 270.7651

■ 2.5427, 3.3641,
3.5787

272.0129,

■ 0.9168, 1.3247,

300.7858, 325.8103

1.3972

324.6315,
357.9574, 387.8518

■ 0.0000, 0.1602,
0.1395

■ 0.0000, 0.0000,
0.0000

■ 51.7032, 59.2830,
63.9760

■ 51.7032, 59.2830,
63.9760

■ 46.6450, 56.7491,
60.4850

■ 57.5177, 62.2075,
67.6213

■ 42.3049, 54.5812,
57.1416

■ 64.1146, 65.5310,
71.4195

■ 38.6489, 52.7634,
53.9442

■ 71.5247, 69.2713,
75.3744

■ 35.6381, 51.2758,
50.8899

■ 77.3047, 72.1684,
79.3729

■ 33.2297, 50.0962,
47.9753

■ 78.0421, 72.4634,
83.2563

■ 31.3755, 49.1999,
45.1969

■ 78.8030, 72.7677,
87.2629

■ 30.0198, 48.5582,
42.5509

■ 79.5874, 73.0815,
91.3937

■ 29.0946, 48.1360,
40.0328

■ 80.3956, 73.4048,
95.6497

■ 28.7223, 47.9715,
38.7786

■ 81.2278, 73.7377,
100.0322

Harmonies

Analogous

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



52.4055, 59.2830, 57.4851



51.7032, 59.2830, 63.9760



52.2145, 59.2830, 71.1022

Triad

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



51.7032, 59.2830, 63.9760



58.5907, 59.2830, 77.4617



58.9482, 59.2830, 53.6643

Complementary

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



51.7032, 59.2830, 63.9760



51.0800, 48.9429, 53.2119

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.



60.6914, 59.2830, 58.4116



51.7032, 59.2830, 63.9760



60.4808, 59.2830, 72.1694

Square

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



51.7032, 59.2830, 63.9760



56.1462, 59.2830, 79.2202



61.2602, 59.2830, 65.1256



56.5477, 59.2830, 51.8113

Rectangle

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



51.7032, 59.2830, 63.9760



53.1833, 59.2830, 75.1976



61.2602, 59.2830, 65.1256



59.6331, 59.2830, 54.9566

Sweetspot

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



51.7049, 59.2855, 63.9773



90.9754, 97.9481, 106.5116



51.1528, 59.2905, 50.8686



19.3133, 20.8848, 22.7027



0.0000, 0.0000, 0.0000



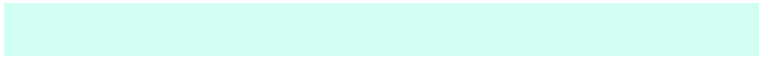
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7049, 59.2855, 63.9773



78.2833, 91.5701, 98.4626



50.9364, 56.2024, 68.4881



12.0226, 13.3528, 14.4754



17.7505, 29.5931, 24.1298



1.0238, 1.6672, 1.5141

Inverse Universe

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



51.0800, 48.9429, 53.2119



77.1093, 72.1277, 78.2288



51.7302, 51.5671, 49.3474



11.9322, 11.8576, 12.9188



16.6567, 8.5355, 3.0982



0.9642, 0.4904, 0.3464

Previews

White Background



This preview shows how the XYZ color 51.7032, 59.2830, 63.9760 looks on a white background.

Color Contrast Check

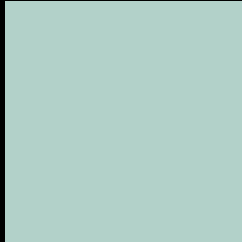
Large Text (above 18pt) WCAG AA × Fail

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 51.7032, 59.2830, 63.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

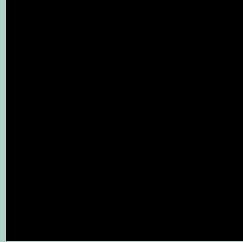
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

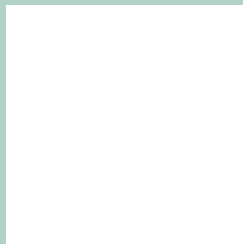
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7032, 59.2830, 63.9760

Background



This preview shows how black text looks on a background with the XYZ color 51.7032, 59.2830, 63.9760.



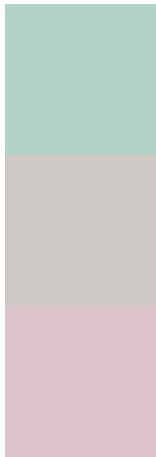
This preview shows how white text looks on a background with the XYZ color 51.7032, 59.2830,

63.9760.

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

51.7032, 59.2830, 63.9760

Protanopia

56.6968, 59.0699, 61.2367

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

54.5475, 59.3616, 77.6902

Trichromacy



Original Color

51.7032, 59.2830, 63.9760

Protanomaly

54.5509, 58.9987, 61.9388

Deuteranomaly

56.8430, 59.0642, 64.9045

Tritanomaly

53.5065, 59.3044, 72.2451

Monochromacy



Original Color

51.7032, 59.2830, 63.9760

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.2671, 57.9584, 63.0232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7032, 59.2830, 63.9760 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(178, 209, 201)` looks like.

```
.text, #text, p{  
    color:rgb(178, 209, 201)  
}
```

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(178, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 209, 201) }
```

Border

The CSS property to change the border of an element to XYZ 51.7032, 59.2830, 63.9760 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(178, 209, 201) }
```


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

```
.border{ border-color:rgb(178, 209, 201) }
```

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

Here you see how a box with a 4 pixel rgb(178, 209, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(178, 209,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7032, 59.2830, 63.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 209, 201) }
```

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

```
.background{ background-color: rgb(178,  
209, 201) }
```

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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