

Converting Colors

XYZ(51.8023, 57.8372, 72.3880)

Have a look what the booklet for
XYZ(51.8023, 57.8372, 72.3880)
contains.

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Color

**XYZ(51.7763, 57.6829,
72.6950)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCDD7
RGB	175, 205, 215
RGB Percent	69%, 80%, 84%
CMY	0.3137, 0.1961, 0.1569
CMYK	0.19, 0.05, 0.00, 0.16
HSL	195°, 33%, 76%
HSV	195°, 19%, 84%
XYZ	51.7763, 57.6829, 72.6950
YIQ	197.1700, -21.0900, -3.2500

Conversions

Conversions Part 2

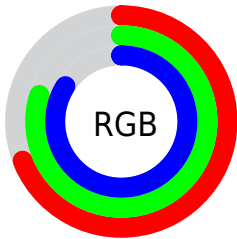
Format	Color
R _Y B	175, 192, 215
Decimal	11521495
CIE Lab	80.56, -7.86, -8.31
CIE LCh	81, 11.445, 226.594
Yxy	57.6829, 0.2842, 0.3167
Android (android.graphics.Color)	4289711575 (0xFFAFCDD7)
YUV	197.1700, 8.7902, -19.4431
Hunter-Lab	75.9493, -11.2238, -3.5851

Details

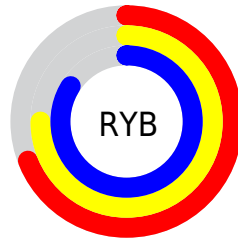
The XYZ color **51.7763, 57.6829, 72.6950** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.1117, 52.2403, 47.8428**, and the grayscale version is **53.1327, 55.8997, 60.8748**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **25.4378, 28.8089, 37.4777** is the 20% darker color. If you saturate the color by 10%, you get **46.0666, 52.8653, 72.0670**, and if you desaturate by 10%, it is **58.3018, 62.9897, 73.3763**.

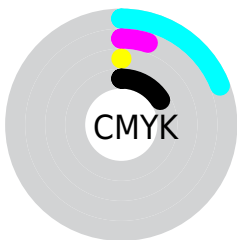
Distribution



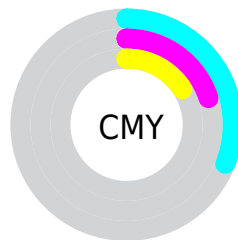
- Red (69%)
- Green (80%)
- Blue (84%)



- Red (69%)
- Yellow (75%)
- Blue (84%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7763, 57.6829, 72.6950 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 51.7763, 57.6829, 72.6950 by changing the saturation by 10% instead.

■ 51.7763, 57.6829,
72.6950

■ 51.7763, 57.6829,
72.6950

383.9105,
416.0033, 488.9995

■ 37.0503, 41.5538,
53.2363

■ 91.9774, 101.4609,
124.7610

■ 25.4203, 28.7520,
37.6024

118.1833,
129.8787, 158.2054

■ 16.5209, 18.8933,
25.3748

148.9466,
163.1613, 197.1488

■ 9.9867, 11.5932,
16.1350

184.6325,
201.6934, 242.0097

■ 5.4523, 6.4673,
9.4643

225.6065,
245.8592, 293.2067

■ 2.5525, 3.1313,
4.9443

272.2340,

■ 0.9218, 1.2007,

296.0432, 351.1583

2.1565

324.8802,
352.6298, 416.2830

■ 0.0000, 0.0622,
0.6491

■ 0.0000, 0.0000,
0.0000

■ 51.7763, 57.6829,
72.6950

■ 51.7763, 57.6829,
72.6950

■ 46.0666, 52.8653,
72.0670

■ 58.3018, 62.9897,
73.3763

■ 41.1310, 48.5101,
71.4865

■ 65.6724, 68.7967,
74.1087

■ 36.9315, 44.5986,
70.9528

■ 73.9221, 75.1238,
74.8952

■ 33.4247, 41.1079,
70.4639

■ 80.8381, 80.8308,
75.6322

■ 30.5627, 38.0123,
70.0172

■ 82.3267, 83.8079,
76.1284

■ 28.2907, 35.2833,
69.6102

■ 83.8615, 86.8774,
76.6400

■ 26.5446, 32.8868,
69.2397

■ 85.4429, 90.0403,
77.1671

■ 25.2264, 30.7716,
68.9009

■ 87.0713, 93.2972,
77.7099

■ 25.0571, 30.4887,
68.8552

■ 88.7473, 96.6490,
78.2686

Harmonies

Analogous

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



50.6046, 57.6829, 66.5791



51.7763, 57.6829, 72.6950



53.7839, 57.6829, 76.2682

Triad

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



51.7763, 57.6829, 72.6950



59.3442, 57.6829, 65.8582



53.5443, 57.6829, 51.1932

Complementary

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



51.7763, 57.6829, 72.6950



53.1117, 52.2403, 47.8428

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.



55.8812, 57.6829, 51.0307



51.7763, 57.6829, 72.6950



59.2755, 57.6829, 59.1799

Square

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



51.7763, 57.6829, 72.6950



58.1778, 57.6829, 72.1348



57.9929, 57.6829, 53.8587



51.6053, 57.6829, 54.3199

Rectangle

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



51.7763, 57.6829, 72.6950



55.3469, 57.6829, 76.5729



57.9929, 57.6829, 53.8587



54.3082, 57.6829, 50.7983

Sweetspot

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



51.7780, 57.6853, 72.6963



88.4356, 94.7972, 108.2444



50.6675, 61.1906, 54.6726



18.7807, 20.1728, 23.1538



0.0000, 0.0000, 0.0000



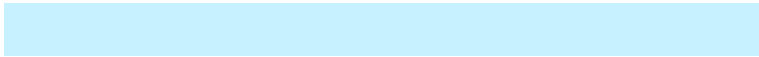
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7780, 57.6853, 72.6963



73.0256, 82.2463, 106.6340



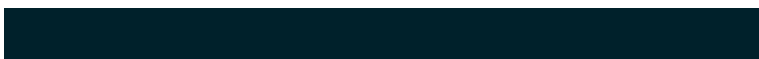
47.4349, 48.9991, 71.2486



12.5171, 13.5577, 15.8947



15.0749, 18.4116, 41.2124



0.9730, 1.2380, 2.5070

Inverse Universe

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



54.3751, 49.5162, 64.4520



77.5144, 68.4104, 92.3214



57.4354, 60.8877, 49.2840



12.8142, 12.5772, 14.9619



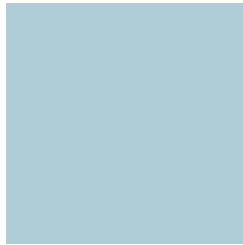
20.6680, 10.2035, 21.3535



1.2788, 0.6283, 1.4574

Previews

White Background



This preview shows how the XYZ color 51.7763, 57.6829, 72.6950 looks on a white background.

Color Contrast Check

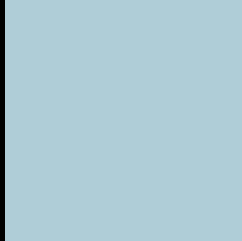
Large Text (above 18pt) WCAG AA × Fail

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 51.7763, 57.6829, 72.6950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

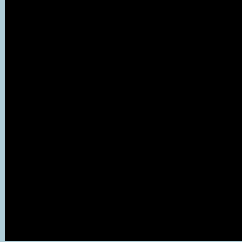
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7763, 57.6829, 72.6950

Background



This preview shows how black text looks on a background with the XYZ color 51.7763, 57.6829, 72.6950.



This preview shows how white text looks on a background with the XYZ color 51.7763, 57.6829,

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

51.7763, 57.6829, 72.6950

Protanopia

55.7714, 57.3707, 69.7622

Deuteranopia

58.6801, 57.4422, 73.6403



Tritanopia

52.4156, 57.5831, 76.0622

Trichromacy



Original Color

51.7763, 57.6829, 72.6950

Protanomaly

54.2562, 57.6031, 70.5463

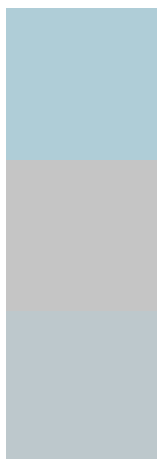
Deuteranomaly

55.8775, 57.3518, 73.0907

Tritanomaly

52.1523, 57.4778, 74.6753

Monochromacy



Original Color

51.7763, 57.6829, 72.6950

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.5396, 56.4870, 65.2607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7763, 57.6829, 72.6950 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(175, 205, 215)` looks like.

```
.text, #text, p{  
    color:rgb(175, 205, 215)  
}
```

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(175, 205, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 205, 215) }
```

Border

The CSS property to change the border of an element to XYZ 51.7763, 57.6829, 72.6950 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(175, 205, 215) }
```


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

```
.border{ border-color:rgb(175, 205, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 205, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 205, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 205, 215);  
box-shadow:4px 4px 4px 4px rgb(175, 205,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7763, 57.6829, 72.6950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 205, 215) }
```

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

```
.background{ background-color: rgb(175,  
205, 215) }
```

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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