

Converting Colors

XYZ(51.3096, 57.3009, 62.9995)

Have a look what the booklet for
XYZ(51.3096, 57.3009, 62.9995)
contains.

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Color

**XYZ(51.3096, 57.3009,
62.9995)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CCC8
RGB	182, 204, 200
RGB Percent	71%, 80%, 78%
CMY	0.2863, 0.2000, 0.2157
CMYK	0.11, 0.00, 0.02, 0.20
HSL	169°, 18%, 76%
HSV	169°, 11%, 80%
XYZ	51.3096, 57.3009, 62.9995
YIQ	196.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

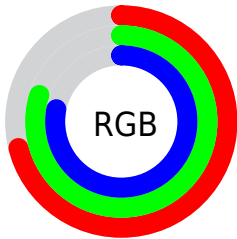
Format	Color
R _Y B	182, 194, 204
Decimal	11979976
CIE Lab	80.35, -8.17, -0.54
CIE LCh	80, 8.192, 183.768
Yxy	57.3009, 0.2990, 0.3339
Android (android.graphics.Color)	4290170056 (0xFFB6CCC8)
YUV	196.9660, 1.4958, -13.1252
Hunter-Lab	75.6974, -11.4785, 3.6438

Details

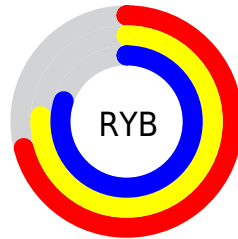
The XYZ color **51.3096, 57.3009, 62.9995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4948, 49.8400, 53.4157**, and the grayscale version is **53.0481, 55.8107, 60.7779**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **25.1479, 28.5551, 31.3804** is the 20% darker color. If you saturate the color by 10%, you get **46.4102, 54.8263, 60.5343**, and if you desaturate by 10%, it is **56.9247, 60.1464, 65.5555**.

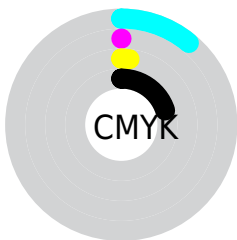
Distribution



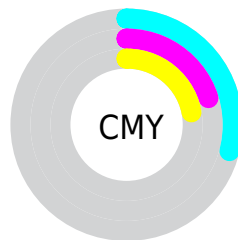
- Red (71%)
- Green (80%)
- Blue (78%)



- Red (71%)
- Yellow (76%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3096, 57.3009, 62.9995 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 51.3096, 57.3009, 62.9995 by changing the saturation by 10% instead.

■ 51.3096, 57.3009,
62.9995

■ 51.3096, 57.3009,
62.9995

382.1333,
414.5759, 453.6756

■ 36.6771, 41.2469,
45.3998

■ 91.2925, 100.9041,
110.7544

■ 25.1301, 28.5120,
31.4272

117.3737,
129.2221, 141.7466

■ 16.3033, 18.7120,
20.6632

148.0017,
162.3968, 178.0401

■ 9.8312, 11.4624,
12.6892

183.5421,
200.8127, 220.0534

■ 5.3486, 6.3787,
7.0867

224.3600,
244.8542, 268.2051

■ 2.4901, 3.0767,
3.4371

270.8210,

■ 0.8902, 1.1719,

294.9056, 322.9136

1.3219

323.2903,
351.3514, 384.5976

■ 0.0000, 0.0386,
0.0797

■ 0.0000, 0.0000,
0.0000

■ 51.3096, 57.3009,
62.9995

■ 51.3096, 57.3009,
62.9995

■ 46.4102, 54.8263,
60.5343

■ 56.9247, 60.1464,
65.5555

■ 42.1913, 52.6996,
58.1544

■ 63.2790, 63.3702,
68.2003

■ 38.6220, 50.9067,
55.8591

■ 70.4011, 66.9886,
70.9368

■ 35.6672, 49.4294,
53.6463

■ 75.0800, 69.3462,
73.6150

■ 33.2883, 48.2477,
51.5139

■ 75.5620, 69.5390,
76.1532

■ 31.4424, 47.3397,
49.4595

■ 76.0549, 69.7362,
78.7488

■ 30.0803, 46.6799,
47.4803

■ 76.5588, 69.9378,
81.4022

■ 29.1437, 46.2383,
45.5733

■ 77.0737, 70.1437,
84.1135

■ 28.5589, 45.9738,
43.8749

■ 77.5997, 70.3541,
86.8834

Harmonies

Analogous

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



51.6225, 57.3009, 58.3993



51.3096, 57.3009, 62.9995



51.8272, 57.3009, 67.6635

Triad

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



51.3096, 57.3009, 62.9995



56.2740, 57.3009, 70.3831



55.8999, 57.3009, 54.4719

Complementary

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



51.3096, 57.3009, 62.9995



50.4948, 49.8400, 53.4157

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.



57.1863, 57.3009, 57.3997



51.3096, 57.3009, 62.9995



57.4054, 57.3009, 66.5605

Square

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



51.3096, 57.3009, 62.9995



54.6749, 57.3009, 72.0622



57.7426, 57.3009, 61.7863



54.2513, 57.3009, 53.6262

Rectangle

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



51.3096, 57.3009, 62.9995



52.5799, 57.3009, 70.1367



57.7426, 57.3009, 61.7863



56.3901, 57.3009, 55.2376

Sweetspot

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



51.3112, 57.3033, 63.0008



92.0680, 98.4885, 107.5950



50.2959, 57.0088, 52.6099



19.5398, 20.9962, 22.9556



0.0000, 0.0000, 0.0000



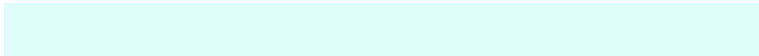
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3112, 57.3033, 63.0008



82.9323, 93.8635, 103.3438



50.1661, 54.2544, 64.9576



11.4523, 12.6907, 13.9392



18.0061, 28.9477, 27.7807



0.9523, 1.5027, 1.5564

Inverse Universe

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



50.4948, 49.8400, 53.4157



81.3085, 79.0177, 84.2786



51.5377, 52.5974, 51.6929



11.2943, 11.2464, 12.0843



15.9098, 8.1745, 1.9779



0.8467, 0.4321, 0.2386

Previews

White Background



This preview shows how the XYZ color 51.3096, 57.3009, 62.9995 looks on a white background.

Color Contrast Check

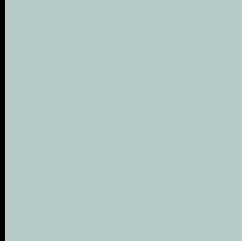
Large Text (above 18pt) WCAG AA × Fail

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 51.3096, 57.3009, 62.9995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

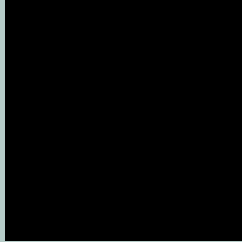
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

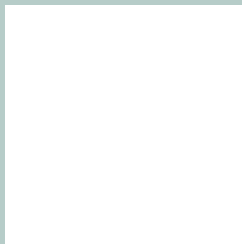
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3096, 57.3009, 62.9995

Background



This preview shows how black text looks on a background with the XYZ color 51.3096, 57.3009, 62.9995.

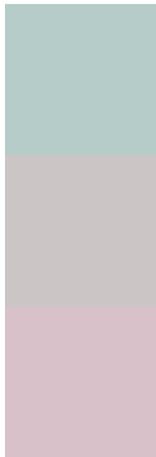


This preview shows how white text looks on a background with the XYZ color 51.3096, 57.3009,

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

51.3096, 57.3009, 62.9995

Protanopia

54.9007, 57.1159, 60.9542

Deuteranopia

58.3459, 57.1559, 63.8341



Tritanopia

53.4186, 57.0973, 73.8511

Trichromacy



Original Color

51.3096, 57.3009, 62.9995

Protanomaly

53.3530, 56.9879, 61.6138

Deuteranomaly

55.4107, 56.9869, 63.3375

Tritanomaly

52.6456, 57.1346, 69.8814

Monochromacy



Original Color

51.3096, 57.3009, 62.9995

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.5855, 56.5922, 61.5779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3096, 57.3009, 62.9995 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(182, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(182, 204, 200)  
}
```

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(182, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 204, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.3096, 57.3009, 62.9995 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(182, 204, 200) }
```


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

```
.border{ border-color:rgb(182, 204, 200) }
```

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

Here you see how a box with a 4 pixel rgb(182, 204, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(182, 204,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3096, 57.3009, 62.9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 204, 200) }
```

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

```
.background{ background-color: rgb(182,  
204, 200) }
```

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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