

# Converting Colors

XYZ(55.9058, 63.1165, 72.8564)

Have a look what the booklet for  
XYZ(55.9058, 63.1165, 72.8564)  
contains.

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# Color

**XYZ(55.9513, 63.1385,  
72.8563)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8D6D6
RGB	184, 214, 214
RGB Percent	72%, 84%, 84%
CMY	0.2784, 0.1608, 0.1608
CMYK	0.14, 0.00, 0.00, 0.16
HSL	180°, 27%, 78%
HSV	180°, 14%, 84%
XYZ	55.9513, 63.1385, 72.8563
YIQ	205.0300, -17.8800, -6.3600

# Conversions

## Conversions Part 2

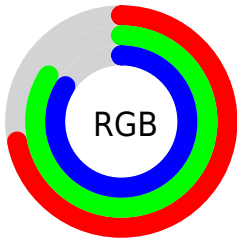
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 199, 214
Decimal	12113622
CIELab	83.52, -9.90, -3.35
CIELCh	84, 10.452, 198.709
Yxy	63.1385, 0.2915, 0.3289
Android (android.graphics.Color)	4290303702 (0xFFB8D6D6)
YUV	205.0300, 4.4222, -18.4433
Hunter-Lab	79.4597, -13.3644, 1.2591

# Details

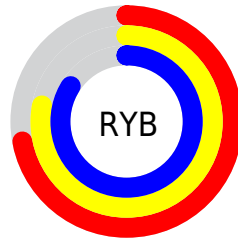
The XYZ color **55.9513, 63.1385, 72.8563** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.5260, 52.0395, 52.5736**, and the grayscale version is **58.0298, 61.0518, 66.4854**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **28.0162, 32.1248, 37.5250** is the 20% darker color. If you saturate the color by 10%, you get **51.2080, 60.6950, 72.6342**, and if you desaturate by 10%, it is **61.4738, 65.9871, 73.1175**.

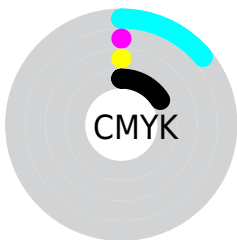
# Distribution



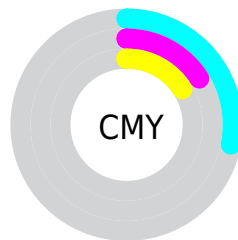
- Red (72%)
- Green (84%)
- Blue (84%)



- Red (72%)
- Yellow (78%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (16%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9513, 63.1385, 72.8563 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 55.9513, 63.1385, 72.8563 by changing the saturation by 10% instead.



■ 55.9513, 63.1385,  
72.8563

■ 55.9513, 63.1385,  
72.8563

399.5859,  
436.0720, 489.5740

■ 40.4007, 45.9533,  
53.3674

■ 98.0736, 109.3693,  
124.9922

■ 28.0367, 32.2089,  
37.7064

125.3760,  
139.1837, 158.4763

■ 18.4939, 21.5211,  
25.4548

157.3264,  
173.9765, 197.4624

■ 11.4070, 13.5055,  
16.1941

194.2902,  
214.1322, 242.3693

■ 6.4106, 7.7775,  
9.5058

236.6327,  
260.0353, 293.6153

■ 3.1393, 3.9529,  
4.9712

284.7192,

■ 1.2279, 1.6473,

312.0700, 351.6191

2.1720

338.9152,  
370.6207, 416.7992

■ 0.1282, 0.3892,  
0.6581

■ 0.0000, 0.0000,  
0.0000

■ 55.9513, 63.1385,  
72.8563

■ 55.9513, 63.1385,  
72.8563

■ 51.2080, 60.6950,  
72.6342

■ 61.4738, 65.9871,  
73.1175

■ 47.2037, 58.6307,  
72.4453


■ 67.8024, 69.2496,  
73.4152


■ 43.9028, 56.9290,  
72.2894


■ 74.9699, 72.9445,  
73.7521


■ 41.2647, 55.5691,  
72.1645


■ 77.4266, 74.2110,  
73.8685

 39.2446, 54.5277,  
72.0685


 77.4269, 74.2111,  
73.8700

 37.7924, 53.7791,  
71.9990


 77.4272, 74.2112,  
73.8715


 36.8498, 53.2932,  
71.9534

 77.4275, 74.2113,  
73.8729

 36.3463, 53.0337,  
71.9284

 77.4277, 74.2114,  
73.8744

 36.1831, 52.9496,  
71.9199

 77.4280, 74.2115,  
73.8759

# Harmonies

## Analogous

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



55.8112, 63.1385, 66.3164



55.9513, 63.1385, 72.8563



57.1627, 63.1385, 78.6258

# Triad

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



55.9513, 63.1385, 72.8563



63.3681, 63.1385, 77.3755



60.8743, 63.1385, 57.1478

# Complementary

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



55.9513, 63.1385, 72.8563



53.5260, 52.0395, 52.5736

# 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.



62.9529, 63.1385, 59.7326



55.9513, 63.1385, 72.8563



64.4169, 63.1385, 71.2365

# Square

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



55.9513, 63.1385, 72.8563



61.4294, 63.1385, 81.3468



64.2630, 63.1385, 64.7954



58.6151, 63.1385, 57.5206



# Rectangle

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



55.9513, 63.1385, 72.8563



58.4324, 63.1385, 81.1304



64.2630, 63.1385, 64.7954



61.6183, 63.1385, 57.6927

# Sweetspot

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



55.9531, 63.1411, 72.8577



91.3963, 98.1165, 108.7281



52.5873, 61.8086, 54.5071



19.4202, 20.9276, 23.2656



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.



55.9531, 63.1411, 72.8577



80.8599, 92.6848, 108.2322



52.4452, 56.1247, 71.6903



12.7922, 14.1079, 15.9861



21.8693, 32.0031, 43.4690



1.3191, 1.9303, 2.6219



# Inverse Universe

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



53.5260, 52.0395, 52.5736



76.5362, 72.9082, 72.0979



56.6941, 58.3762, 53.6281



12.4234, 12.4208, 12.9037



16.7620, 8.6411, 0.7850



1.0110, 0.5212, 0.0474



# Previews

## White Background



This preview shows how the XYZ color 55.9513, 63.1385, 72.8563 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

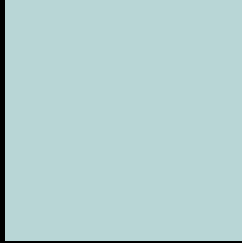
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 55.9513, 63.1385, 72.8563 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

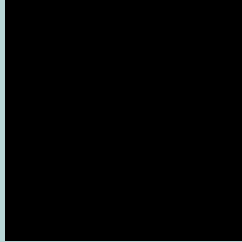
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 55.9513, 63.1385, 72.8563**

## **Background**



This preview shows how black text looks on a background with the XYZ color 55.9513, 63.1385, 72.8563.



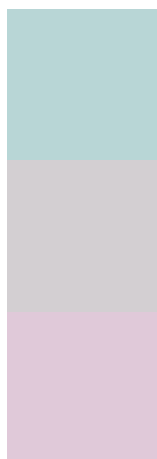
This preview shows how white text looks on a background with the XYZ color 55.9513, 63.1385,



# 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

55.9513, 63.1385, 72.8563

### Protanopia

60.8097, 63.1277, 69.9526

### Deuteranopia

64.1515, 62.6303, 74.3534



## Tritanopia

58.1799, 63.3089, 83.2822

# Trichromacy



## Original Color

55.9513, 63.1385, 72.8563

## Protanomaly

58.8919, 63.2138, 70.7256

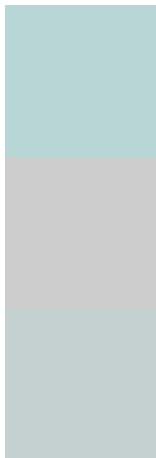
## Deuteranomaly

60.7605, 62.6558, 73.8571

## Tritanomaly

57.4985, 63.4094, 79.7298

# Monochromacy



## Original Color

55.9513, 63.1385, 72.8563

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

56.9670, 61.5361, 68.5497

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 55.9513, 63.1385, 72.8563 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(184, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(184, 214, 214)  
}
```

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(184, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 214, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 55.9513, 63.1385, 72.8563 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(184, 214, 214) }
```



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

```
.border{ border-color:rgb(184, 214, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(184, 214,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 55.9513, 63.1385, 72.8563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 214, 214) }
```

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

```
.background{ background-color: rgb(184,  
214, 214) }
```

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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