

Converting Colors

XYZ(57.4409, 63.4137, 78.9312)

Have a look what the booklet for
XYZ(57.4409, 63.4137, 78.9312)
contains.

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Color

**XYZ(57.3632, 63.3553,
79.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD5DF
RGB	186, 213, 223
RGB Percent	73%, 84%, 87%
CMY	0.2706, 0.1647, 0.1255
CMYK	0.17, 0.04, 0.00, 0.13
HSL	196°, 37%, 80%
HSV	196°, 17%, 87%
XYZ	57.3632, 63.3553, 79.0175
YIQ	206.0670, -19.3020, -2.6140

Conversions

Conversions Part 2

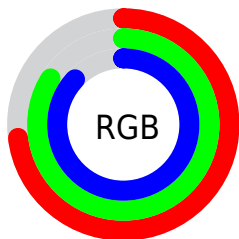
Format	Color
RYB	186, 202, 223
Decimal	12244447
CIELab	83.63, -6.89, -7.95
CIElCh	84, 10.527, 229.083
Yxy	63.3553, 0.2872, 0.3172
Android (android.graphics.Color)	4290434527 (0xFFBAD5DF)
YUV	206.0670, 8.3480, -17.5988
Hunter-Lab	79.5960, -10.6519, -3.1418

Details

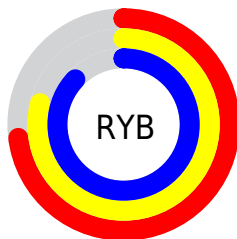
The XYZ color **57.3632, 63.3553, 79.0175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0347, 58.7129, 54.6768**, and the grayscale version is **58.6677, 61.7230, 67.2163**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **28.8105, 32.1864, 41.7399** is the 20% darker color. If you saturate the color by 10%, you get **50.8756, 57.8042, 78.2890**, and if you desaturate by 10%, it is **64.7563, 69.4601, 79.8072**.

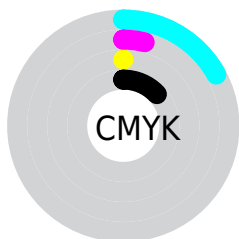
Distribution



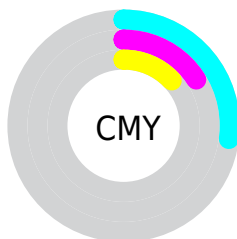
- Red (73%)
- Green (84%)
- Blue (87%)



- Red (73%)
- Yellow (79%)
- Blue (87%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3632, 63.3553, 79.0175 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 57.3632, 63.3553, 79.0175 by changing the saturation by 10% instead.

■ 57.3632, 63.3553,
79.0175

■ 57.3632, 63.3553,
79.0175

404.8011,
436.8578, 511.2347

■ 41.5382, 46.1287,
58.3888

■ 100.1233,
109.6819, 133.7824

■ 28.9294, 32.3474,
41.7045

127.7890,
139.5508, 168.7556

■ 19.1714, 21.6270,
28.5462

160.1324,
174.4025, 209.3475

■ 11.8989, 13.5831,
18.4951

197.5187,
214.6214, 255.9765

■ 6.7466, 7.8313,
11.1330

240.3134,
260.5921, 309.0612

■ 3.3491, 3.9872,
6.0410

288.8818,

■ 1.3409, 1.6664,

312.6987, 369.0201

2.8009

343.5893,
371.3258, 436.2718

■ 0.2135, 0.4017,
0.9939

■ 0.0000, 0.0000,
0.0000

■ 57.3632, 63.3553,
79.0175

■ 57.3632, 63.3553,
79.0175

■ 50.8756, 57.8042,
78.2890

■ 64.7563, 69.4601,
79.8072

■ 45.2483, 52.7776,
77.6153

■ 73.0864, 76.1309,
80.6557

■ 40.4403, 48.2551,
76.9958

■ 82.3905, 83.3891,
81.5663

■ 36.4049, 44.2118,
76.4281

■ 84.8743, 87.2175,
82.1744

■ 33.0906, 40.6202,
75.9095

■ 86.6494, 90.7675,
82.7661

■ 30.4390, 37.4492,
75.4372

■ 88.4836, 94.4360,
83.3775

■ 28.3823, 34.6629,
75.0078

■ 90.3195, 98.1078,
83.9894

■ 26.8340, 32.2156,
74.6170

■ 26.3720, 31.4328,
74.4903

Harmonies

Analogous

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



56.1285, 63.3553, 73.2132



57.3632, 63.3553, 79.0175



59.3825, 63.3553, 82.2006

Triad

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



57.3632, 63.3553, 79.0175



64.6710, 63.3553, 71.4130



58.7811, 63.3553, 57.6783

Complementary

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



57.3632, 63.3553, 79.0175



59.0347, 58.7129, 54.6768

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.



61.0599, 63.3553, 57.2645



57.3632, 63.3553, 79.0175



64.5000, 63.3553, 64.9193

Square

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



57.3632, 63.3553, 79.0175



63.6260, 63.3553, 77.6276



63.1646, 63.3553, 59.8364



56.9326, 63.3553, 61.0055

Rectangle

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



57.3632, 63.3553, 79.0175



60.9191, 63.3553, 82.2798



63.1646, 63.3553, 59.8364



59.5209, 63.3553, 57.2022

Sweetspot

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



57.3651, 63.3579, 79.0189



89.4247, 95.4832, 108.3247



56.5871, 67.1950, 62.1336



18.9769, 20.3048, 23.1690



0.0000, 0.0000, 0.0000



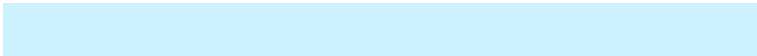
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3651, 63.3579, 79.0189



74.4723, 83.0984, 106.7222



53.0032, 54.6341, 77.5650



13.7870, 14.9131, 17.5395



15.6042, 18.6780, 43.8311



1.1545, 1.4404, 3.0624

Inverse Universe

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



60.0020, 55.6112, 70.5254



78.7430, 70.8098, 92.9091



63.4349, 67.5132, 56.1435



14.1287, 13.8691, 16.4479



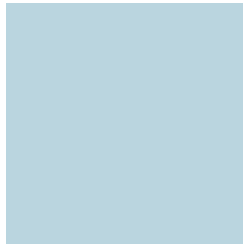
21.8165, 10.7936, 21.4972



1.5490, 0.7629, 1.6838

Previews

White Background



This preview shows how the XYZ color 57.3632, 63.3553, 79.0175 looks on a white background.

Color Contrast Check

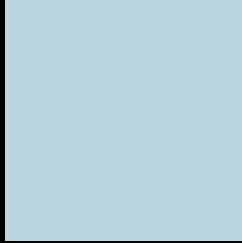
Large Text (above 18pt) WCAG AA × Fail

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 57.3632, 63.3553, 79.0175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

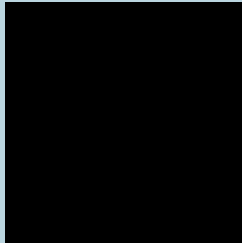
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3632, 63.3553, 79.0175

Background



This preview shows how black text looks on a background with the XYZ color 57.3632, 63.3553, 79.0175.

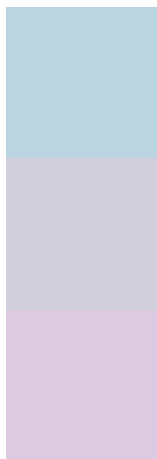


This preview shows how white text looks on a background with the XYZ color 57.3632, 63.3553,

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

57.3632, 63.3553, 79.0175

Protanopia

61.3935, 63.2954, 75.9993

Deuteranopia

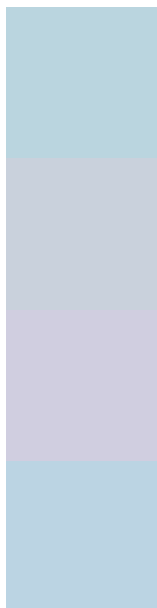
64.2263, 62.8929, 79.9886



Tritanopia

58.1799, 63.3089, 83.2822

Trichromacy



Original Color

57.3632, 63.3553, 79.0175

Protanomaly

59.8061, 63.1857, 76.7541

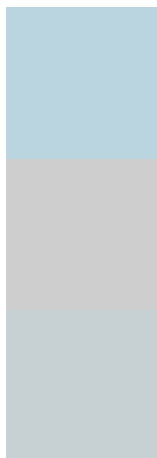
Deuteranomaly

61.5383, 62.9343, 79.4251

Tritanomaly

57.9021, 63.1978, 81.8197

Monochromacy



Original Color

57.3632, 63.3553, 79.0175

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.2373, 62.4965, 71.2810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3632, 63.3553, 79.0175 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(186, 213, 223) looks like.

```
.text, #text, p{  
    color:rgb(186, 213, 223)  
}
```

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(186, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 213, 223) }
```

Border

The CSS property to change the border of an element to XYZ 57.3632, 63.3553, 79.0175 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(186, 213, 223) }
```


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

```
.border{ border-color:rgb(186, 213, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 213, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 213, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 213, 223);  
box-shadow:4px 4px 4px 4px rgb(186, 213,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3632, 63.3553, 79.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 213, 223) }
```

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

```
.background{ background-color: rgb(186,  
213, 223) }
```

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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