

Converting Colors

XYZ(51.5157, 55.8042, 63.0263)

Have a look what the booklet for
XYZ(51.5157, 55.8042, 63.0263)
contains.

XYZ(51.4596, 55.6287, 63.2835)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.4596, 55.6287,
63.2835)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC7C9
RGB	187, 199, 201
RGB Percent	73%, 78%, 79%
CMY	0.2667, 0.2196, 0.2118
CMYK	0.07, 0.01, 0.00, 0.21
HSL	189°, 11%, 76%
HSV	189°, 7%, 79%
XYZ	51.4596, 55.6287, 63.2835
YIQ	195.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

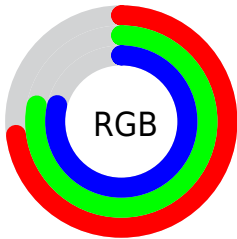
Format	Color
RYB	187, 193, 201
Decimal	12306377
CIELab	79.40, -3.70, -2.42
CIELCh	79, 4.420, 213.202
Yxy	55.6287, 0.3020, 0.3265
Android (android.graphics.Color)	4290496457 (0xFFBBC7C9)
YUV	195.6400, 2.6425, -7.5773
Hunter-Lab	74.5846, -7.3673, 1.9029

Details

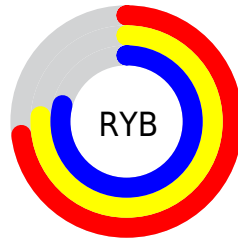
The XYZ color **51.4596, 55.6287, 63.2835** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2549, 52.4002, 54.4276**, and the grayscale version is **52.2431, 54.9638, 59.8556**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **25.2234, 27.4257, 31.5680** is the 20% darker color. If you saturate the color by 10%, you get **46.2293, 51.9638, 62.8526**, and if you desaturate by 10%, it is **57.3938, 59.6780, 63.7532**.

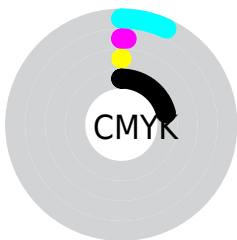
Distribution



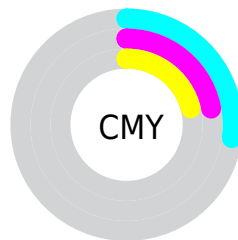
- Red (73%)
- Green (78%)
- Blue (79%)



- Red (73%)
- Yellow (76%)
- Blue (79%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (27%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4596, 55.6287, 63.2835 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 51.4596, 55.6287, 63.2835 by changing the saturation by 10% instead.

■ 51.4596, 55.6287,
63.2835

■ 51.4596, 55.6287,
63.2835

382.7051,
408.2907, 454.7339

■ 36.7970, 39.9053,
45.6281

■ 91.5127, 98.4615,
111.1679

■ 25.2233, 27.4647,
31.6059

117.6340,
126.3397, 142.2341

■ 16.3731, 17.9225,
20.7984

148.3056,
159.0382, 178.6076

■ 9.8811, 10.8944,
12.7869

183.8928,
196.9416, 220.7069

■ 5.3819, 5.9959,
7.1530

224.7610,
240.4341, 268.9507

■ 2.5101, 2.8426,
3.4780

271.2755,

■ 0.9003, 1.0501,

289.9002, 323.7574

1.3436

323.8018,
345.7243, 385.5456

■ 0.0000, 0.0000,
0.0971

■ 0.0000, 0.0000,
0.0000

■ 51.4596, 55.6287,
63.2835

■ 51.4596, 55.6287,
63.2835

■ 46.2293, 51.9638,
62.8526

■ 57.3938, 59.6780,
63.7532

■ 41.6697, 48.6615,
62.4555

■ 64.0539, 64.1185,
64.2593

■ 37.7517, 45.7082,
62.0920

■ 71.4670, 68.9659,
64.8042

■ 34.4427, 43.0870,
61.7604

■ 74.9462, 71.8040,
65.1686

■ 31.7067, 40.7792,
61.4592

■ 75.6625, 73.2366,
65.4074

■ 29.5042, 38.7644,
61.1864

■ 76.3916, 74.6947,
65.6504

■ 27.7903, 37.0193,
60.9399

■ 77.1335, 76.1785,
65.8977

■ 26.5127, 35.5169,
60.7172

■ 77.8882, 77.6881,
66.1493

■ 25.6014, 34.2209,
60.5151

■ 78.6560, 79.2235,
66.4052

Harmonies

Analogous

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



51.1893, 55.6287, 60.8433



51.4596, 55.6287, 63.2835



52.1085, 55.6287, 65.0340

Triad

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



51.4596, 55.6287, 63.2835



54.4099, 55.6287, 62.7984



52.7782, 55.6287, 55.8246

Complementary

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



51.4596, 55.6287, 63.2835



51.2549, 52.4002, 54.4276

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.



53.6458, 55.6287, 56.3155



51.4596, 55.6287, 63.2835



54.5940, 55.6287, 60.2979

Square

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



51.4596, 55.6287, 63.2835



53.8125, 55.6287, 64.7484



54.3129, 55.6287, 57.9356



51.9453, 55.6287, 56.5757

Rectangle

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



51.4596, 55.6287, 63.2835



52.6718, 55.6287, 65.5492



54.3129, 55.6287, 57.9356



53.0755, 55.6287, 55.8499

Sweetspot

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



51.4612, 55.6311, 63.2847



92.9669, 98.5823, 108.7361



50.5519, 56.0073, 56.2154



19.9206, 21.1156, 23.2757



0.0000, 0.0000, 0.0000



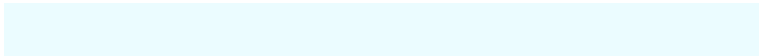
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4612, 55.6311, 63.2847



87.0178, 94.4916, 108.2601



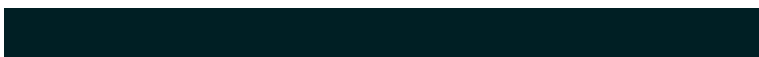
49.9160, 52.5407, 62.7697



10.8128, 11.7997, 13.6252



15.9955, 21.3848, 38.0290



0.7937, 1.0852, 1.8128

Inverse Universe

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



52.1678, 52.0828, 61.3390



88.4189, 87.4819, 104.3960



52.7678, 55.4260, 54.9319



11.0155, 10.7896, 13.0651



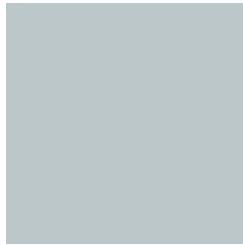
19.8731, 9.6988, 25.6054



0.9593, 0.4666, 1.3089

Previews

White Background



This preview shows how the XYZ color 51.4596, 55.6287, 63.2835 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 51.4596, 55.6287, 63.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

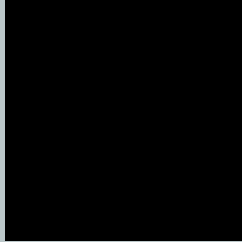
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

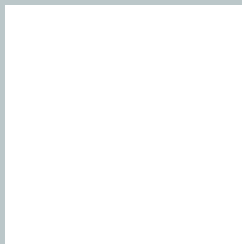
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4596, 55.6287, 63.2835

Background



This preview shows how black text looks on a background with the XYZ color 51.4596, 55.6287, 63.2835.

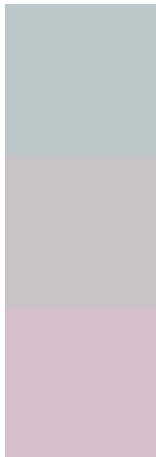


This preview shows how white text looks on a background with the XYZ color 51.4596, 55.6287,

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

51.4596, 55.6287, 63.2835

Protanopia

53.3771, 55.2958, 61.8927

Deuteranopia

56.8509, 55.7195, 64.2585



Tritanopia

52.9628, 55.5554, 70.8826

Trichromacy



Original Color

51.4596, 55.6287, 63.2835

Protanomaly

52.6709, 55.2521, 62.5322

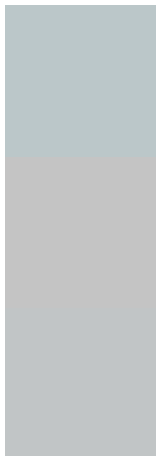
Deuteranomaly

54.8543, 55.6852, 63.7343

Tritanomaly

52.4417, 55.6830, 68.3055

Monochromacy



Original Color

51.4596, 55.6287, 63.2835

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.1516, 55.3472, 61.3605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4596, 55.6287, 63.2835 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(187, 199, 201)` looks like.

```
.text, #text, p{  
    color:rgb(187, 199, 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(187, 199, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 199, 201) }
```

Border

The CSS property to change the border of an element to XYZ 51.4596, 55.6287, 63.2835 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(187, 199, 201) }
```


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

```
.border{ border-color:rgb(187, 199, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 199, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(187, 199,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4596, 55.6287, 63.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 199, 201) }
```

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

```
.background{ background-color: rgb(187,  
199, 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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