

Converting Colors

XYZ(53.8867, 56.6460, 62.8490)

Have a look what the booklet for
XYZ(53.8867, 56.6460, 62.8490)
contains.

XYZ(53.9081, 56.5641, 62.7203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(53.9081, 56.5641,
62.7203)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C6C8
RGB	198, 198, 200
RGB Percent	78%, 78%, 78%
CMY	0.2235, 0.2235, 0.2157
CMYK	0.01, 0.01, 0.00, 0.22
HSL	240°, 2%, 78%
HSV	240°, 1%, 78%
XYZ	53.9081, 56.5641, 62.7203
YIQ	198.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

Format	Color
RYB	198, 198, 200
Decimal	13027016
CIELab	79.93, 0.37, -1.01
CIELCh	80, 1.074, 290.327
Yxy	56.5641, 0.3113, 0.3266
Android (android.graphics.Color)	4291217096 (0xFFC6C6C8)
YUV	198.2280, 0.8736, -0.2000
Hunter-Lab	75.2091, -3.6714, 3.2017

Details

The XYZ color **53.9081, 56.5641, 62.7203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6667, 57.6643, 61.6759**, and the grayscale version is **53.8117, 56.6141, 61.6527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **26.6632, 27.9511, 31.1839** is the 20% darker color. If you saturate the color by 10%, you get **44.7145, 45.4927, 61.0687**, and if you desaturate by 10%, it is **64.4025, 69.2021, 64.6074**.

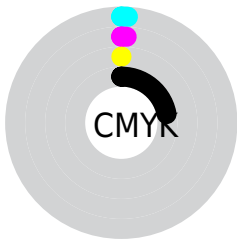
Distribution



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



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9081, 56.5641, 62.7203 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 53.9081, 56.5641, 62.7203 by changing the saturation by 10% instead.

■ 53.9081, 56.5641,
62.7203

■ 53.9081, 56.5641,
62.7203

391.9635,
411.8139, 452.6337

■ 38.7586, 40.6554,
45.1754

95.0970, 99.8289,
110.3476

■ 26.7518, 28.0499,
31.2517

121.8670,
127.9537, 141.2670

■ 17.5226, 18.3633,
20.5305

153.2413,
160.9194, 177.4818

■ 10.7054, 11.2111,
12.5934

189.5852,
199.1103, 219.4104

■ 5.9349, 6.2090,
7.0217

231.2640,
242.9108, 267.4713

■ 2.8458, 2.9726,
3.3970

278.6431,

■ 1.0728, 1.1174,

292.7053, 322.0831

1.3008

332.0878,
348.8782, 383.6644

■ 0.0021, 0.0000,
0.0624

■ 0.0000, 0.0000,
0.0000

■ 53.9081, 56.5641,
62.7203

■ 53.9081, 56.5641,
62.7203

■ 44.7145, 45.4927,
61.0687

■ 64.4025, 69.2021,
64.6074

■ 36.7665, 35.9199,
59.6399

■ 76.2404, 83.4567,
66.7349

■ 30.0119, 27.7836,
58.4254

■ 87.4255, 96.9502,
68.7499

■ 24.3931, 21.0145,
57.4150

■ 19.8479, 15.5376,
56.5974

■ 16.3078, 11.2708,
55.9604

■ 13.6967, 8.1224,
55.4903

■ 11.9275, 5.9877,
55.1715

■ 10.8967, 4.7424,
54.9855

Harmonies

Analogous

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



53.6921, 56.5641, 62.7787



53.9081, 56.5641, 62.7203



54.0855, 56.5641, 62.3576

Triad

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



53.9081, 56.5641, 62.7203



54.0303, 56.5641, 60.6701



53.3507, 56.5641, 61.3874

Complementary

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



53.9081, 56.5641, 62.7203



54.6667, 57.6643, 61.6759

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.



53.4408, 56.5641, 60.8261



53.9081, 56.5641, 62.7203



53.8329, 56.5641, 60.4138

Square

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



53.9081, 56.5641, 62.7203



54.1562, 56.5641, 61.1730



53.6171, 56.5641, 60.4708



53.3707, 56.5641, 62.0063

Rectangle

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



53.9081, 56.5641, 62.7203



54.1578, 56.5641, 61.9934



53.6171, 56.5641, 60.4708



53.3691, 56.5641, 61.1858

Sweetspot

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



53.9097, 56.5665, 62.7215

95.0500, 100.0000, 108.9000



54.3652, 57.4838, 62.8541



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



53.9097, 56.5665, 62.7215



93.3114, 97.9063, 108.5875



54.1645, 56.6966, 62.7332



11.7706, 12.3528, 13.6814



6.6321, 2.6581, 34.9079



0.3146, 0.1270, 1.6531

Inverse Universe

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



54.2078, 56.7457, 61.5250



93.8347, 98.2209, 106.4866



54.4102, 57.5333, 61.6641



11.8316, 12.3894, 13.4366



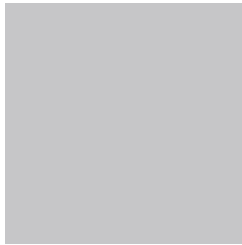
15.1469, 7.8083, 0.7175



0.7175, 0.3698, 0.0355

Previews

White Background



This preview shows how the XYZ color 53.9081, 56.5641, 62.7203 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 53.9081, 56.5641, 62.7203 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

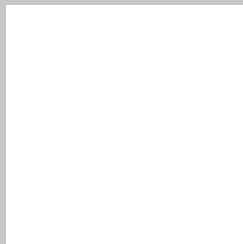
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9081, 56.5641, 62.7203

Background



This preview shows how black text looks on a background with the XYZ color 53.9081, 56.5641, 62.7203.

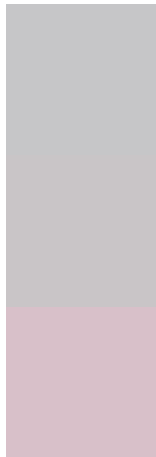


This preview shows how white text looks on a background with the XYZ color 53.9081, 56.5641,

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

53.9081, 56.5641, 62.7203

Protanopia

54.3624, 56.4735, 62.0681

Deuteranopia

57.7112, 56.5152, 63.1252



Tritanopia

55.4430, 56.5127, 70.2732

Trichromacy



Original Color

53.9081, 56.5641, 62.7203

Protanomaly

54.0945, 56.3354, 62.0556

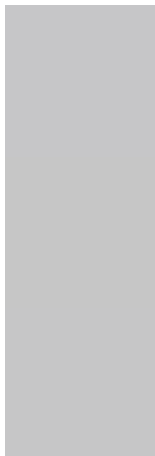
Deuteranomaly

56.1289, 56.3559, 63.1778

Tritanomaly

54.9046, 56.6287, 67.7112

Monochromacy



Original Color

53.9081, 56.5641, 62.7203

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7916, 56.5175, 62.1067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9081, 56.5641, 62.7203 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(198, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 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(198, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.9081, 56.5641, 62.7203 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(198, 198, 200) }
```

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

```
.border{ border-color:rgb(198, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
200) }
```


Background

The CSS property to change the background color of an element to XYZ 53.9081, 56.5641, 62.7203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 200) }
```

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

```
.background{ background-color: rgb(198,  
198, 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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