

Converting Colors

XYZ(53.7319, 56.7490, 62.6802)

Have a look what the booklet for
XYZ(53.7319, 56.7490, 62.6802)
contains.

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Color

**XYZ(53.8747, 56.8873,
62.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C7C8
RGB	197, 199, 200
RGB Percent	77%, 78%, 78%
CMY	0.2274, 0.2196, 0.2157
CMYK	0.01, 0.00, 0.00, 0.22
HSL	200°, 3%, 78%
HSV	200°, 1%, 78%
XYZ	53.8747, 56.8873, 62.7844
YIQ	198.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

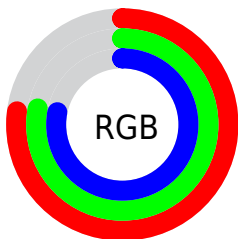
Format	Color
RYB	197, 198, 200
Decimal	12961736
CIELab	80.12, -0.50, -0.75
CIELCh	80, 0.900, 236.354
Yxy	56.8873, 0.3104, 0.3278
Android (android.graphics.Color)	4291151816 (0xFFC5C7C8)
YUV	198.5160, 0.7316, -1.3295
Hunter-Lab	75.4237, -4.4899, 3.4422

Details

The XYZ color **53.8747, 56.8873, 62.7844** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0916, 56.6980, 60.9170**, and the grayscale version is **53.9883, 56.7999, 61.8551**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **26.6414, 28.1658, 31.2265** is the 20% darker color. If you saturate the color by 10%, you get **47.4862, 51.3754, 62.0581**, and if you desaturate by 10%, it is **61.0280, 62.8958, 63.5680**.

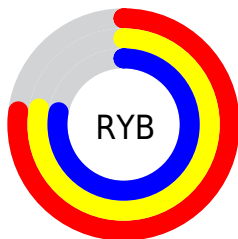
Distribution



Red (77%)

Green (78%)

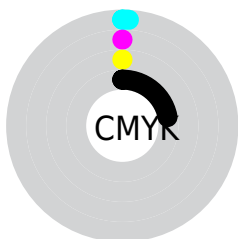
Blue (78%)



Red (77%)

Yellow (78%)

Blue (78%)

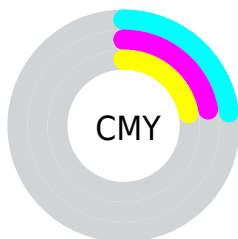


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8747, 56.8873, 62.7844 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 53.8747, 56.8873, 62.7844 by changing the saturation by 10% instead.

■ 53.8747, 56.8873,
62.7844

■ 53.8747, 56.8873,
62.7844

391.8382,
413.0269, 452.8730

■ 38.7318, 40.9148,
45.2269

95.0482, 100.3007,
110.4410

■ 26.7309, 28.2525,
31.2920

121.8095,
128.5104, 141.3772

■ 17.5068, 18.5161,
20.5609

153.1743,
161.5679, 177.6100

■ 10.6940, 11.3211,
12.6153

189.5079,
199.8577, 219.5581

■ 5.9272, 6.2833,
7.0366

231.1758,
243.7640, 267.6398

■ 2.8411, 3.0181,
3.4062

278.5432,

■ 1.0703, 1.1412,

293.6714, 322.2739

1.3056

331.9756,
349.9643, 383.8788

■ 0.0001, 0.0129,
0.0664

■ 0.0000, 0.0000,
0.0000

■ 53.8747, 56.8873,
62.7844

■ 53.8747, 56.8873,
62.7844

■ 47.4862, 51.3754,
62.0581

■ 61.0280, 62.8958,
63.5680

■ 41.8297, 46.3371,
61.3837

■ 68.9678, 69.4084,
64.4066

■ 36.8769, 41.7581,
60.7609

■ 76.9804, 76.0601,
65.2682

■ 32.5960, 37.6208,
60.1880

■ 78.7479, 79.5950,
65.8573

■ 28.9525, 33.9060,
59.6630

■ 80.5853, 83.2698,
66.4698

■ 25.9085, 30.5929,
59.1839

■ 82.4934, 87.0861,
67.1058

■ 23.4220, 27.6583,
58.7485

■ 84.4731, 91.0454,
67.7657

■ 21.4447, 25.0761,
58.3543

■ 86.5249, 95.1491,
68.4497

■ 19.9196, 22.8153,
57.9983

■ 87.4255, 96.9502,
68.7499

Harmonies

Analogous

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



53.7546, 56.8873, 62.3896



53.8747, 56.8873, 62.7844



54.0473, 56.8873, 62.9531

Triad

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



53.8747, 56.8873, 62.7844



54.4220, 56.8873, 62.0048



53.9134, 56.8873, 61.0408

Complementary

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



53.8747, 56.8873, 62.7844



54.0916, 56.6980, 60.9170

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.



54.0921, 56.8873, 60.9391



53.8747, 56.8873, 62.7844



54.3860, 56.8873, 61.4937

Square

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



53.8747, 56.8873, 62.7844



54.3635, 56.8873, 62.5013



54.2651, 56.8873, 61.1044



53.7769, 56.8873, 61.3832

Rectangle

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



53.8747, 56.8873, 62.7844



54.1689, 56.8873, 62.9139



54.2651, 56.8873, 61.1044



53.9705, 56.8873, 60.9774

Sweetspot

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



53.8763, 56.8897, 62.7856

95.0500, 100.0000, 108.9000



53.8683, 57.2547, 61.6088



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.



53.8763, 56.8897, 62.7856



92.6604, 97.9693, 108.6340



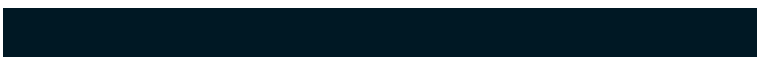
53.5435, 56.2241, 62.6747



11.6946, 12.3601, 13.6868



12.0959, 13.5858, 36.7292



0.6372, 0.7723, 1.7606

Inverse Universe

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



54.0957, 56.3364, 62.0586



93.1729, 96.6804, 106.9346



54.4254, 57.3657, 61.0283



11.7544, 12.2097, 13.4888



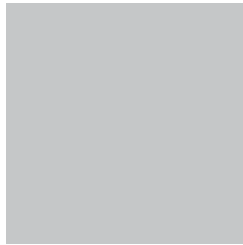
17.9048, 8.9115, 15.2404



0.8803, 0.4350, 0.8930

Previews

White Background



This preview shows how the XYZ color 53.8747, 56.8873, 62.7844 looks on a white background.

Color Contrast Check

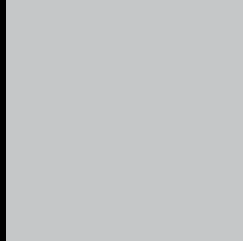
Large Text (above 18pt) WCAG AA × Fail

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 53.8747, 56.8873, 62.7844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

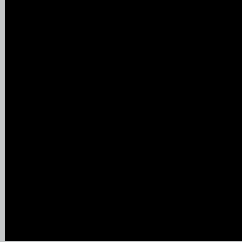
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

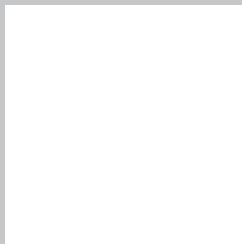
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8747, 56.8873, 62.7844

Background



This preview shows how black text looks on a background with the XYZ color 53.8747, 56.8873, 62.7844.

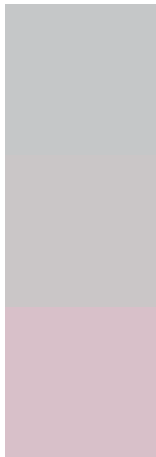


This preview shows how white text looks on a background with the XYZ color 53.8747, 56.8873,

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

53.8747, 56.8873, 62.7844

Protanopia

54.8600, 57.0682, 62.1567

Deuteranopia

57.7112, 56.5152, 63.1252



Tritanopia

55.5297, 56.8787, 71.0028

Trichromacy



Original Color

53.8747, 56.8873, 62.7844

Protanomaly

54.3223, 56.7910, 62.1315

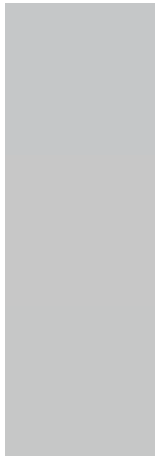
Deuteranomaly

56.3522, 56.8026, 63.2523

Tritanomaly

54.8680, 56.9480, 67.7747

Monochromacy



Original Color

53.8747, 56.8873, 62.7844

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0209, 56.9761, 62.1831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8747, 56.8873, 62.7844 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(197, 199, 200)` looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 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(197, 199, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.8747, 56.8873, 62.7844 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(197, 199, 200) }
```

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

```
.border{ border-color:rgb(197, 199, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 199, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 199, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 199, 200);  
box-shadow:4px 4px 4px 4px rgb(197, 199,  
200) }
```


Background

The CSS property to change the background color of an element to XYZ 53.8747, 56.8873, 62.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 200) }
```

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

```
.background{ background-color: rgb(197,  
199, 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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