

Converting Colors

XYZ(52.3250, 56.3438, 54.6235)

Have a look what the booklet for
XYZ(52.3250, 56.3438, 54.6235)
contains.

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Color

**XYZ(52.3123, 56.2623,
54.5569)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C7BA
RGB	197, 199, 186
RGB Percent	77%, 78%, 73%
CMY	0.2274, 0.2196, 0.2706
CMYK	0.01, 0.00, 0.07, 0.22
HSL	69°, 10%, 75%
HSV	69°, 7%, 78%
XYZ	52.3123, 56.2623, 54.5569
YIQ	196.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

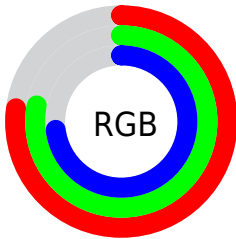
Format	Color
RYB	186, 199, 188
Decimal	12961722
CIELab	79.76, -3.02, 6.26
CIELCh	80, 6.945, 115.732
Yxy	56.2623, 0.3207, 0.3449
Android (android.graphics.Color)	4291151802 (0xFFC5C7BA)
YUV	196.9200, -5.3836, 0.0702
Hunter-Lab	75.0082, -6.7747, 9.3814

Details

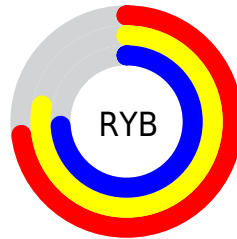
The XYZ color **52.3123, 56.2623, 54.5569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6088, 49.9342, 61.1120**, and the grayscale version is **53.0541, 55.8171, 60.7848**.

A 20% lighter version of the original color is **92.6601, 99.0016, 98.2299**, and **25.6867, 27.7839, 26.1993** is the 20% darker color. If you saturate the color by 10%, you get **49.5481, 55.0666, 44.1424**, and if you desaturate by 10%, it is **55.3906, 57.5892, 66.5265**.

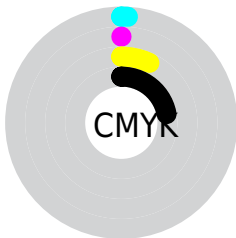
Distribution



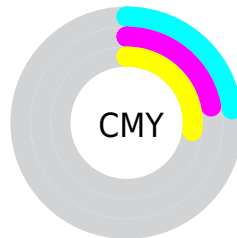
- Red (77%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3123, 56.2623, 54.5569 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 52.3123, 56.2623, 54.5569 by changing the saturation by 10% instead.

■ 52.3123, 56.2623,
54.5569

■ 52.3123, 56.2623,
54.5569

385.9453,
410.6793, 421.4646

■ 37.4793, 40.4133,
38.6509

■ 92.7632, 99.3880,
98.3561

■ 25.7542, 27.8609,
26.1825

119.1118,
127.4334, 127.0863

■ 16.7716, 18.2208,
16.7332

150.0296,
160.3131, 160.9283

■ 10.1661, 11.1087,
9.8845

185.8821,
198.4115, 200.3007

■ 5.5723, 6.1400,
5.2179

227.0345,
242.1129, 245.6220

■ 2.6250, 2.9304,
2.3147

273.8523,

■ 0.9587, 1.0955,

291.8017, 297.3107

0.7394

326.7008,
347.8624, 355.7854

■ 0.0000, 0.0000,
0.0000

■ 52.3123, 56.2623,
54.5569

■ 52.3123, 56.2623,
54.5569

■ 49.5481, 55.0666,
44.1424

■ 55.3906, 57.5892,
66.5265

■ 47.0812, 53.9899,
35.2156

■ 58.7900, 59.0445,
80.1076

■ 44.9001, 53.0294,
27.7095

■ 62.5227, 60.6351,
95.3583

■ 42.9907, 52.1794,
21.5506

■ 64.8445, 61.6633,
103.0923

■ 41.3378, 51.4339,
16.6589

■ 65.7220, 62.1156,
103.1333

■ 39.9244, 50.7859,
12.9457

■ 66.6163, 62.5766,
103.1752

■ 38.7314, 50.2280,
10.3111

■ 67.5274, 63.0464,
103.2178

■ 37.7367, 49.7512,
8.6387

■ 68.4556, 63.5249,
103.2613

■ 36.9113, 49.3439,
7.7770

■ 69.4008, 64.0121,
103.3055

Harmonies

Analogous

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



53.6768, 56.2623, 53.8701



52.3123, 56.2623, 54.5569



51.2759, 56.2623, 57.0097

Triad

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



52.3123, 56.2623, 54.5569



51.9702, 56.2623, 67.8731



56.2127, 56.2623, 61.8372

Complementary

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



52.3123, 56.2623, 54.5569



48.6088, 49.9342, 61.1120

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.



55.7374, 56.2623, 65.7167



52.3123, 56.2623, 54.5569



53.2750, 56.2623, 69.2968

Square

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



52.3123, 56.2623, 54.5569



51.0808, 56.2623, 64.6779



54.6561, 56.2623, 68.4910



55.9442, 56.2623, 57.9649

Rectangle

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



52.3123, 56.2623, 54.5569



50.9021, 56.2623, 59.3745



54.6561, 56.2623, 68.4910



56.1344, 56.2623, 63.1851

Sweetspot

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



52.3139, 56.2647, 54.5581



93.9511, 99.5271, 104.6192



50.3905, 51.6339, 53.7656



20.1209, 21.3079, 22.4376



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.



52.3139, 56.2647, 54.5581



90.7906, 98.1638, 92.4569



50.6611, 55.4127, 54.4808



11.3572, 12.3311, 11.3443



23.6228, 31.6733, 4.8685



1.1631, 1.5227, 0.2326

Inverse Universe

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



48.6088, 49.9342, 61.1120



82.8177, 84.5406, 106.5607



50.2333, 50.7716, 61.1880



10.2063, 10.3646, 13.3801



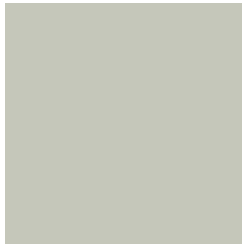
7.0333, 2.8601, 34.9257



0.3827, 0.1610, 1.6561

Previews

White Background



This preview shows how the XYZ color 52.3123, 56.2623, 54.5569 looks on a white background.

Color Contrast Check

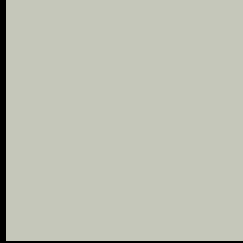
Large Text (above 18pt) WCAG AA × Fail

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 52.3123, 56.2623, 54.5569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

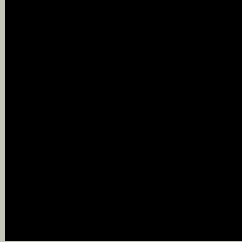
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

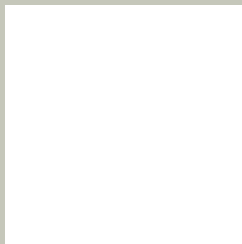
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3123, 56.2623, 54.5569

Background



This preview shows how black text looks on a background with the XYZ color 52.3123, 56.2623, 54.5569.



This preview shows how white text looks on a background with the XYZ color 52.3123, 56.2623,

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

52.3123, 56.2623, 54.5569

Protanopia

53.6250, 56.2727, 53.9343

Deuteranopia

57.2231, 56.1081, 55.3909



Tritanopia

55.3604, 56.1509, 69.5484

Trichromacy



Original Color

52.3123, 56.2623, 54.5569

Protanomaly

53.0384, 56.3085, 53.9721

Deuteranomaly

55.4128, 56.1685, 54.9347

Tritanomaly

54.2200, 56.0235, 63.8330

Monochromacy



Original Color

52.3123, 56.2623, 54.5569

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8457, 56.1087, 58.4969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3123, 56.2623, 54.5569 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 186) }
```

Border

The CSS property to change the border of an element to XYZ 52.3123, 56.2623, 54.5569 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, 186) }
```


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

```
.border{ border-color:rgb(197, 199, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(197, 199,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3123, 56.2623, 54.5569 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, 186) }
```

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

```
.background{ background-color: rgb(197,  
199, 186) }
```

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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