

Converting Colors

XYZ(51.5750, 53.7697, 52.2369)

Have a look what the booklet for
XYZ(51.5750, 53.7697, 52.2369)
contains.

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Color

**XYZ(51.7046, 53.9763,
52.4931)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C1B7
RGB	201, 193, 183
RGB Percent	79%, 76%, 72%
CMY	0.2118, 0.2431, 0.2823
CMYK	0.00, 0.04, 0.09, 0.21
HSL	33°, 14%, 75%
HSV	33°, 9%, 79%
XYZ	51.7046, 53.9763, 52.4931
YIQ	194.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

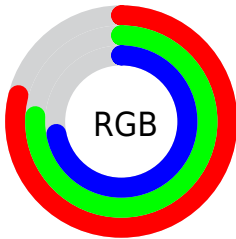
Format	Color
RYB	197, 201, 183
Decimal	13222327
CIELab	78.45, 1.06, 6.02
CIELCh	78, 6.111, 80.011
Yxy	53.9763, 0.3269, 0.3412
Android (android.graphics.Color)	4291412407 (0xFFC9C1B7)
YUV	194.2520, -5.5472, 5.9180
Hunter-Lab	73.4686, -2.9479, 9.0654

Details

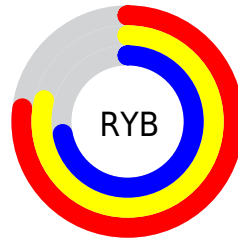
The XYZ color **51.7046, 53.9763, 52.4931** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7018, 51.5451, 62.6413**, and the grayscale version is **51.4571, 54.1369, 58.9551**.

A 20% lighter version of the original color is **90.6957, 95.2434, 95.2650**, and **25.4400, 26.5709, 24.9070** is the 20% darker color. If you saturate the color by 10%, you get **47.8459, 49.3708, 41.6118**, and if you desaturate by 10%, it is **55.9844, 58.9445, 64.9901**.

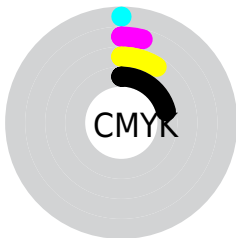
Distribution



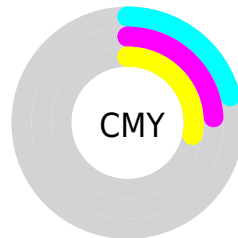
- Red (79%)
- Green (76%)
- Blue (72%)



- Red (77%)
- Yellow (79%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7046, 53.9763, 52.4931 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 51.7046, 53.9763, 52.4931 by changing the saturation by 10% instead.

■ 51.7046, 53.9763,
52.4931

■ 51.7046, 53.9763,
52.4931

383.6379,
402.0196, 413.3483

■ 36.9930, 38.5827,
37.0133

■ 91.8723, 96.0394,
95.2920

■ 25.3757, 26.4353,
24.9219

118.0590,
123.4778, 123.4483

■ 16.4874, 17.1495,
15.8004

148.8015,
155.6999, 156.6670

■ 9.9627, 10.3412,
9.2302

184.4651,
193.0900, 195.3669

■ 5.4363, 5.6257,
4.7928

225.4152,
236.0327, 239.9665

■ 2.5428, 2.6189,
2.0696

272.0171,

■ 0.9169, 0.9362,

284.9122, 290.8842

0.5976

324.6362,
340.1131, 348.5386

■ 0.0000, 0.0000,
0.0000

■ 51.7046, 53.9763,
52.4931

■ 51.7046, 53.9763,
52.4931

■ 47.8459, 49.3708,
41.6118

■ 55.9844, 58.9445,
64.9901

■ 44.3890, 45.1117,
32.2756

■ 60.6945, 64.2770,
79.1624

■ 41.3198, 41.1916,
24.4139

■ 65.8498, 69.9847,
95.0709

■ 38.6215, 37.6003,
17.9492

■ 70.0802, 75.5226,
105.4915

■ 36.2760, 34.3268,
12.7967

■ 72.6108, 80.5840,
106.3350

■ 34.2630, 31.3595,
8.8624

■ 75.2704, 85.9031,
107.2215

■ 32.5602, 28.6854,
6.0395

■ 77.8977, 91.1576,
108.0973

■ 31.1413, 26.2901,
4.2024

■ 29.9643, 24.1525,
3.1429

Harmonies

Analogous

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



52.8018, 53.9763, 53.8463



51.7046, 53.9763, 52.4931



50.5164, 53.9763, 52.7710

Triad

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



51.7046, 53.9763, 52.4931



49.1627, 53.9763, 61.0642



53.0932, 53.9763, 63.1261

Complementary

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



51.7046, 53.9763, 52.4931



48.7018, 51.5451, 62.6413

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.



52.0975, 53.9763, 65.2094



51.7046, 53.9763, 52.4931



49.8326, 53.9763, 63.9872

Square

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



51.7046, 53.9763, 52.4931



49.0612, 53.9763, 57.6309



50.9032, 53.9763, 65.5305



53.6118, 53.9763, 59.9261

Rectangle

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



51.7046, 53.9763, 52.4931



49.8319, 53.9763, 53.8479



50.9032, 53.9763, 65.5305



52.8025, 53.9763, 63.9854

Sweetspot

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



51.7061, 53.9787, 52.4943



92.7680, 97.3678, 102.1836



50.4366, 50.0513, 56.3512



19.7281, 20.6922, 21.4968



0.0000, 0.0000, 0.0000



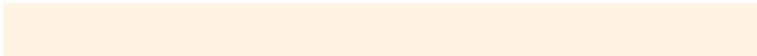
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7061, 53.9787, 52.4943



87.0110, 90.6289, 85.5440



53.2807, 57.4860, 53.0883



11.1144, 11.5980, 11.2156



18.8607, 15.2385, 1.9473



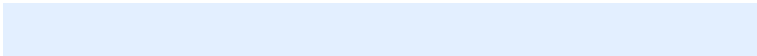
0.9645, 0.8644, 0.1160

Inverse Universe

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



48.7018, 51.5451, 62.6413



80.6998, 85.5167, 106.8608



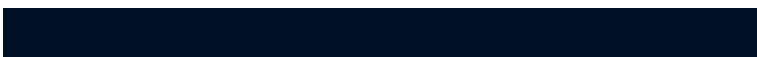
47.2201, 48.2628, 62.0859



10.4380, 11.0501, 13.5002



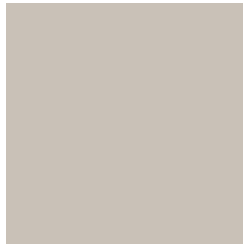
8.9787, 7.3512, 35.6901



0.4971, 0.4920, 1.7139

Previews

White Background



This preview shows how the XYZ color 51.7046, 53.9763, 52.4931 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 51.7046, 53.9763, 52.4931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

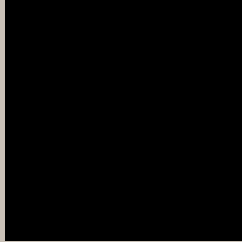
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7046, 53.9763, 52.4931

Background



This preview shows how black text looks on a background with the XYZ color 51.7046, 53.9763, 52.4931.

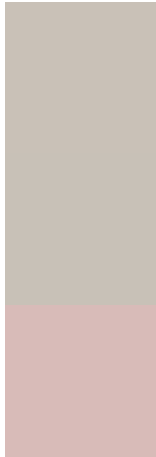


This preview shows how white text looks on a background with the XYZ color 51.7046, 53.9763,

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

51.7046, 53.9763, 52.4931

Protanopia

51.4366, 53.8382, 52.4806

Deuteranopia

54.7410, 53.6003, 52.8081



Tritanopia

54.3347, 54.0721, 65.3308

Trichromacy



Original Color

51.7046, 53.9763, 52.4931

Protanomaly

51.4366, 53.8382, 52.4806

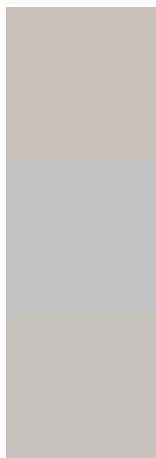
Deuteranomaly

53.7133, 53.7048, 52.8825

Tritanomaly

53.3374, 53.9893, 60.4331

Monochromacy



Original Color

51.7046, 53.9763, 52.4931

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6120, 54.1716, 56.4511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7046, 53.9763, 52.4931 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(201, 193, 183)` looks like.

```
.text, #text, p{  
    color:rgb(201, 193, 183)  
}
```

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(201, 193, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 183) }
```

Border

The CSS property to change the border of an element to XYZ 51.7046, 53.9763, 52.4931 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(201, 193, 183) }
```


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

```
.border{ border-color:rgb(201, 193, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 193, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 193, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 193, 183); box-shadow:4px 4px 4px 4px rgb(201, 193, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7046, 53.9763, 52.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 183) }
```

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

```
.background{ background-color: rgb(201,  
193, 183) }
```

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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