

Converting Colors

XYZ(49.6697, 51.7148, 53.7359)

Have a look what the booklet for
XYZ(49.6697, 51.7148, 53.7359)
contains.

XYZ(49.5662, 51.5425, 53.7906)	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(49.5662, 51.5425,
53.7906)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BDBA
RGB	195, 189, 186
RGB Percent	76%, 74%, 73%
CMY	0.2353, 0.2588, 0.2706
CMYK	0.00, 0.03, 0.05, 0.24
HSL	20°, 7%, 75%
HSV	20°, 5%, 76%
XYZ	49.5662, 51.5425, 53.7906
YIQ	190.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

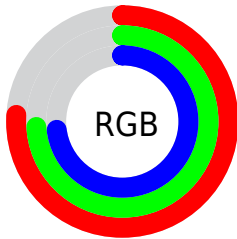
Format	Color
RYB	195, 191, 186
Decimal	12828090
CIELab	77.01, 1.57, 2.25
CIELCh	77, 2.743, 55.163
Yxy	51.5425, 0.3200, 0.3327
Android (android.graphics.Color)	4291018170 (0xFFC3BDBA)
YUV	190.4520, -2.1948, 3.9886
Hunter-Lab	71.7931, -2.4009, 5.8325

Details

The XYZ color **49.5662, 51.5425, 53.7906** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9495, 52.0776, 59.1024**, and the grayscale version is **49.2159, 51.7789, 56.3872**.

A 20% lighter version of the original color is **88.8243, 92.4111, 97.1600**, and **24.0223, 24.9645, 25.7428** is the 20% darker color. If you saturate the color by 10%, you get **44.9628, 45.4295, 42.7169**, and if you desaturate by 10%, it is **54.7059, 58.2739, 66.4401**.

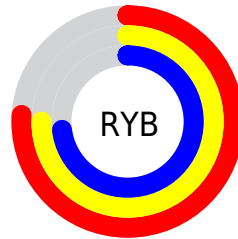
Distribution



Red (76%)

Green (74%)

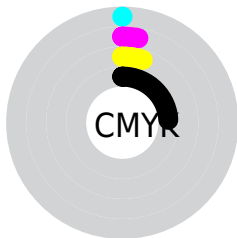
Blue (73%)



Red (76%)

Yellow (75%)

Blue (73%)

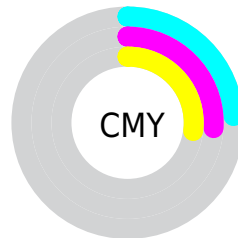


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5662, 51.5425, 53.7906 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 49.5662, 51.5425, 53.7906 by changing the saturation by 10% instead.

■ 49.5662, 51.5425,
53.7906

■ 49.5662, 51.5425,
53.7906

375.4472,
392.6679, 418.4630

■ 35.2852, 36.6405,
38.0422

■ 88.7275, 92.4562,
97.2200

■ 24.0502, 24.9293,
25.7134

114.3385,
119.2367, 125.7382

■ 15.4958, 16.0244,
16.3855

144.4569,
150.7455, 159.3500

■ 9.2567, 9.5414,
9.6401

179.4480,
187.3670, 198.4740

■ 4.9674, 5.0960,
5.0585

219.6773,
229.4856, 243.5288

■ 2.2627, 2.3037,
2.2223

265.5100,

■ 0.7755, 0.7757,

277.4857, 294.9328

0.6872

317.3115,
331.7516, 353.1047

■ 0.0000, 0.0000,
0.0000

■ 49.5662, 51.5425,
53.7906

■ 49.5662, 51.5425,
53.7906

■ 44.9628, 45.4295,
42.7169

■ 54.7059, 58.2739,
66.4401

■ 40.8733, 39.9105,
33.1534

■ 60.3944, 65.6339,
80.7207

■ 37.2803, 34.9694,
25.0352

■ 66.6496, 73.6410,
96.6891

■ 34.1636, 30.5866,
18.2908

■ 72.0034, 81.7172,
106.5858

■ 31.5014, 26.7415,
12.8430

■ 75.9869, 89.6841,
107.9136

■ 29.2702, 23.4121,
8.6066

■ 76.3159, 90.3422,
108.0233

■ 27.4442, 20.5748,
5.4863

■ 25.9941, 18.2036,
3.3719

■ 24.8857, 16.2697,
2.1304

Harmonies

Analogous

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



49.9053, 51.5425, 54.9056



49.5662, 51.5425, 53.7906



49.0744, 51.5425, 53.3004

Triad

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



49.5662, 51.5425, 53.7906



47.9946, 51.5425, 55.8786



49.4184, 51.5425, 58.7678

Complementary

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



49.5662, 51.5425, 53.7906



48.9495, 52.0776, 59.1024

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.



48.9049, 51.5425, 59.0394



49.5662, 51.5425, 53.7906



48.0852, 51.5425, 57.3543

Square

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



49.5662, 51.5425, 53.7906



48.1690, 51.5425, 54.4921



48.4175, 51.5425, 58.5178



49.8195, 51.5425, 57.7820

Rectangle

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



49.5662, 51.5425, 53.7906



48.7271, 51.5425, 53.3874



48.4175, 51.5425, 58.5178



49.2531, 51.5425, 58.9464

Sweetspot

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



49.5676, 51.5447, 53.7917



91.9764, 96.5265, 104.1650



49.5797, 50.5264, 57.0093



20.1518, 21.1513, 22.8354



0.0000, 0.0000, 0.0000



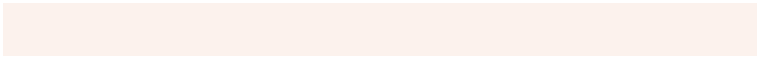
20.3446, 21.4041, 23.3091

Same Dimension

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



49.5676, 51.5447, 53.7917



87.4973, 90.6294, 93.2347



50.5499, 53.5093, 54.1191



10.6298, 10.9965, 11.2613



15.9288, 10.1434, 1.1183



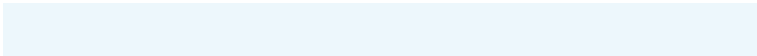
0.7524, 0.5666, 0.0697

Inverse Universe

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



48.9495, 52.0776, 59.1024



86.0501, 91.8769, 105.6685



47.9773, 50.1331, 58.7784



10.4404, 11.1598, 12.8886



11.6635, 13.0836, 35.4673



0.5652, 0.6878, 1.5528

Previews

White Background



This preview shows how the XYZ color 49.5662, 51.5425, 53.7906 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 49.5662, 51.5425, 53.7906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

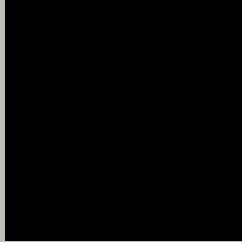
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5662, 51.5425, 53.7906

Background



This preview shows how black text looks on a background with the XYZ color 49.5662, 51.5425, 53.7906.

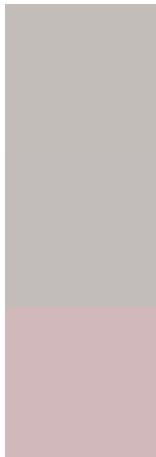


This preview shows how white text looks on a background with the XYZ color 49.5662, 51.5425,

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

49.5662, 51.5425, 53.7906

Protanopia

49.3087, 51.4097, 53.7786

Deuteranopia

52.4046, 51.4241, 54.1775



Tritanopia

51.3389, 51.6280, 62.5177

Trichromacy



Original Color

49.5662, 51.5425, 53.7906

Protanomaly

49.3087, 51.4097, 53.7786

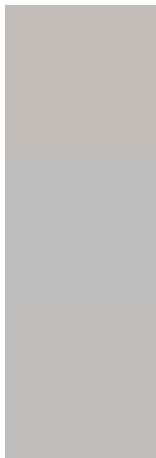
Deuteranomaly

51.4304, 51.5430, 54.2518

Tritanomaly

50.7120, 51.6877, 59.5285

Monochromacy



Original Color

49.5662, 51.5425, 53.7906

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.3370, 51.7075, 55.5243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5662, 51.5425, 53.7906 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(195, 189, 186) looks like.

```
.text, #text, p{  
    color:rgb(195, 189, 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(195, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 189, 186) }
```

Border

The CSS property to change the border of an element to XYZ 49.5662, 51.5425, 53.7906 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(195, 189, 186) }
```


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

```
.border{ border-color:rgb(195, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 189, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 189, 186); box-shadow:4px 4px 4px 4px rgb(195, 189, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5662, 51.5425, 53.7906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 189, 186) }
```

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

```
.background{ background-color: rgb(195,  
189, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor