

Converting Colors

XYZ(49.6419, 51.8615, 53.2936)

Have a look what the booklet for
XYZ(49.6419, 51.8615, 53.2936)
contains.

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Color

**XYZ(49.6761, 51.9318,
53.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BEB9
RGB	195, 190, 185
RGB Percent	76%, 75%, 73%
CMY	0.2353, 0.2549, 0.2745
CMYK	0.00, 0.03, 0.05, 0.24
HSL	30°, 8%, 75%
HSV	30°, 5%, 76%
XYZ	49.6761, 51.9318, 53.3046
YIQ	190.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

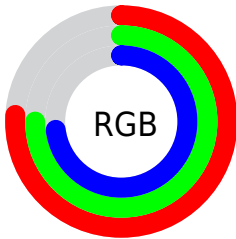
Format	Color
RYB	195, 195, 185
Decimal	12828345
CIELab	77.24, 0.86, 3.13
CIELCh	77, 3.247, 74.692
Yxy	51.9318, 0.3207, 0.3352
Android (android.graphics.Color)	4291018425 (0xFFC3BEB9)
YUV	190.9250, -2.9210, 3.5738
Hunter-Lab	72.0637, -3.0651, 6.5886

Details

The XYZ color **49.6761, 51.9318, 53.3046** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2714, 51.0806, 58.9458**, and the grayscale version is **49.4936, 52.0711, 56.7054**.

A 20% lighter version of the original color is **88.9778, 92.9579, 96.4721**, and **24.0950, 25.2200, 25.4278** is the 20% darker color. If you saturate the color by 10%, you get **45.7173, 47.0853, 42.5158**, and if you desaturate by 10%, it is **54.0613, 57.1779, 65.6298**.

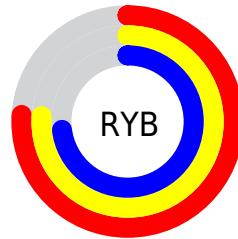
Distribution



Red (76%)

Green (75%)

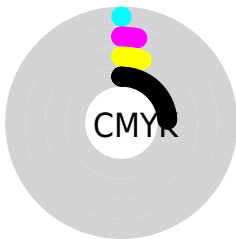
Blue (73%)



Red (76%)

Yellow (76%)

Blue (73%)

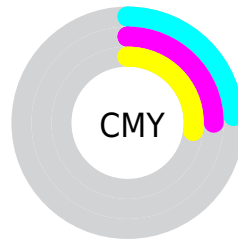


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6761, 51.9318, 53.3046 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 49.6761, 51.9318, 53.3046 by changing the saturation by 10% instead.

■ 49.6761, 51.9318,
53.3046

■ 49.6761, 51.9318,
53.3046

375.8709,
394.1733, 416.5521

■ 35.3728, 36.9507,
37.6566

■ 88.8895, 93.0307,
96.4985

■ 24.1181, 25.1693,
25.4165

114.5303,
119.9172, 124.8815

■ 15.5464, 16.2033,
16.1658

144.6811,
151.5410, 158.3466

■ 9.2926, 9.6681,
9.4859

179.7071,
188.2866, 197.3123

■ 4.9912, 5.1795,
4.9584

219.9737,
230.5381, 242.1971

■ 2.2768, 2.3529,
2.1645

265.8463,

■ 0.7827, 0.8015,

278.6802, 293.4197

0.6538

317.6903,
333.0971, 351.3985

■ 0.0000, 0.0000,
0.0000

■ 49.6761, 51.9318,
53.3046

■ 49.6761, 51.9318,
53.3046

■ 45.7173, 47.0853,
42.5158

■ 54.0613, 57.1779,
65.6298

■ 42.1664, 42.6217,
33.1990

■ 58.8819, 62.8265,
79.5455

■ 39.0098, 38.5327,
25.2901

■ 64.1523, 68.8892,
95.1076

■ 36.2316, 34.8072,
18.7190

■ 68.5691, 74.8486,
105.4410

■ 33.8143, 31.4335,
13.4096

■ 71.3409, 80.3921,
106.3649

■ 31.7391, 28.3990,
9.2777

■ 74.2663, 86.2430,
107.3401

■ 29.9851, 25.6902,
6.2291

■ 76.3160, 90.3422,
108.0233

■ 28.5284, 23.2922,
4.1547

■ 27.3404, 21.1879,
2.9215

Harmonies

Analogous

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



50.2149, 51.9318, 54.1696



49.6761, 51.9318, 53.3046



49.0569, 51.9318, 53.2954

Triad

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



49.6761, 51.9318, 53.3046



48.2116, 51.9318, 57.4182



50.2057, 51.9318, 59.0154

Complementary

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



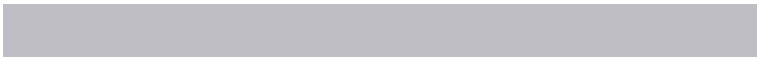
49.6761, 51.9318, 53.3046



48.2714, 51.0806, 58.9458

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.



49.6636, 51.9318, 59.9238



49.6761, 51.9318, 53.3046



48.5141, 51.9318, 58.9886

Square

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



49.6761, 51.9318, 53.3046



48.2148, 51.9318, 55.6453



49.0445, 51.9318, 59.9139



50.5224, 51.9318, 57.4542

Rectangle

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



49.6761, 51.9318, 53.3046



48.6819, 51.9318, 53.7746



49.0445, 51.9318, 59.9139



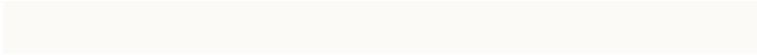
50.0436, 51.9318, 59.4087

Sweetspot

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



49.6776, 51.9341, 53.3057



91.3215, 95.8458, 102.0074



49.1496, 50.0185, 55.7800



20.0153, 21.0095, 22.3856



0.0000, 0.0000, 0.0000



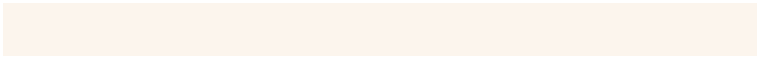
20.3446, 21.4041, 23.3091

Same Dimension

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



49.6776, 51.9341, 53.3057



88.2551, 92.1450, 93.4873



50.7784, 54.1358, 53.6727



10.7289, 11.1948, 11.2943



17.5241, 13.3340, 1.6501



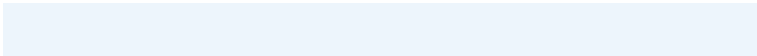
0.8261, 0.7140, 0.0943

Inverse Universe

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



48.2714, 51.0806, 58.9458



85.2819, 90.3405, 105.4124



47.2076, 48.9532, 58.5912



10.3398, 10.9586, 12.8551



9.2906, 8.3377, 34.6763



0.4704, 0.4981, 1.5212

Previews

White Background



This preview shows how the XYZ color 49.6761, 51.9318, 53.3046 looks on a white background.

Color Contrast Check

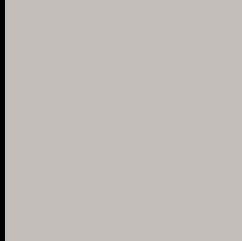
Large Text (above 18pt) WCAG AA × Fail

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 49.6761, 51.9318, 53.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

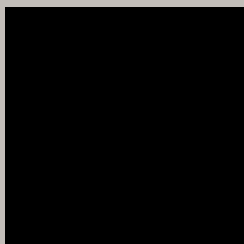
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

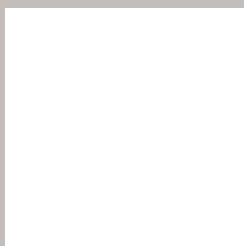
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.6761, 51.9318, 53.3046

Background



This preview shows how black text looks on a background with the XYZ color 49.6761, 51.9318, 53.3046.

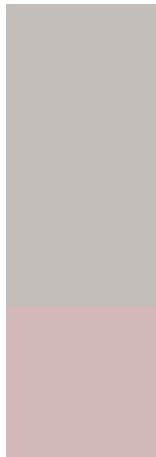


This preview shows how white text looks on a background with the XYZ color 49.6761, 51.9318,

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

49.6761, 51.9318, 53.3046

Protanopia

49.6761, 51.9318, 53.3046

Deuteranopia

52.8674, 51.6750, 53.6422



Tritanopia

51.7197, 51.8107, 63.1517

Trichromacy



Original Color

49.6761, 51.9318, 53.3046

Protanomaly

49.6761, 51.9318, 53.3046

Deuteranomaly

51.5987, 51.6421, 53.7028

Tritanomaly

50.9730, 51.8223, 59.5407

Monochromacy



Original Color

49.6761, 51.9318, 53.3046

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.5543, 52.1422, 55.5968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6761, 51.9318, 53.3046 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, 190, 185)` looks like.

```
.text, #text, p{  
    color:rgb(195, 190, 185)  
}
```

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, 190, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 190, 185) }
```

Border

The CSS property to change the border of an element to XYZ 49.6761, 51.9318, 53.3046 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, 190, 185) }
```


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

```
.border{ border-color:rgb(195, 190, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 190, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 190, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 190, 185);  
box-shadow:4px 4px 4px 4px rgb(195, 190,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6761, 51.9318, 53.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 190, 185) }
```

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

```
.background{ background-color: rgb(195,  
190, 185) }
```

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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