

Converting Colors

XYZ(49.6903, 54.3042, 51.0428)

Have a look what the booklet for
XYZ(49.6903, 54.3042, 51.0428)
contains.

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Color

**XYZ(49.6903, 54.3042,
51.0428)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC5B4
RGB	191, 197, 180
RGB Percent	75%, 77%, 71%
CMY	0.2510, 0.2274, 0.2941
CMYK	0.03, 0.00, 0.09, 0.23
HSL	81°, 13%, 74%
HSV	81°, 9%, 77%
XYZ	49.6903, 54.3042, 51.0428
YIQ	193.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

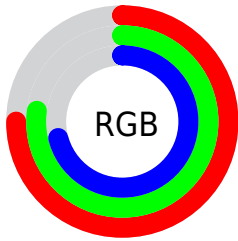
Format	Color
RYB	180, 197, 186
Decimal	12567988
CIELab	78.64, -5.13, 7.80
CIELCh	79, 9.342, 123.335
Yxy	54.3042, 0.3205, 0.3503
Android (android.graphics.Color)	4290758068 (0xFFBFC5B4)
YUV	193.2680, -6.5411, -1.9890
Hunter-Lab	73.6914, -8.5969, 10.5164

Details

The XYZ color **49.6903, 54.3042, 51.0428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6512, 47.1144, 59.4615**, and the grayscale version is **50.8840, 53.5339, 58.2984**.

A 20% lighter version of the original color is **88.9399, 96.7139, 93.3369**, and **24.1345, 26.5805, 23.9372** is the 20% darker color. If you saturate the color by 10%, you get **46.1167, 52.6792, 41.1334**, and if you desaturate by 10%, it is **53.6353, 56.0909, 62.4609**.

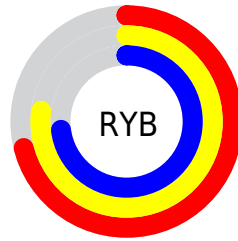
Distribution



Red (75%)

Green (77%)

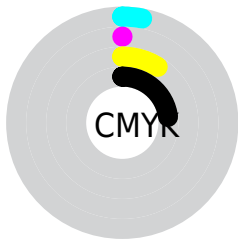
Blue (71%)



Red (71%)

Yellow (77%)

Blue (73%)

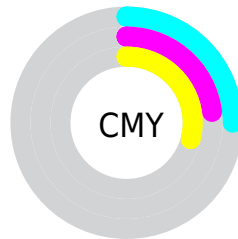


Cyan (3%)

Magenta (0%)

Yellow (9%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6903, 54.3042, 51.0428 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 49.6903, 54.3042, 51.0428 by changing the saturation by 10% instead.

■ 49.6903, 54.3042,
51.0428

■ 49.6903, 54.3042,
51.0428

375.9256,
403.2690, 407.5814

■ 35.3842, 38.8449,
35.8657

■ 88.9104, 96.5208,
93.1302

■ 24.1269, 26.6391,
24.0416

114.5551,
124.0468, 120.8776

■ 15.5530, 17.3024,
15.1520

144.7100,
156.3639, 153.6521

■ 9.2972, 10.4503,
8.7783

179.7406,
193.8565, 191.8724

■ 4.9942, 5.6985,
4.5020

220.0120,
236.9088, 235.9569

■ 2.2786, 2.6626,
1.9046

265.8898,

■ 0.7837, 0.9583,

285.9055, 286.3242

0.4957

317.7392,
341.2307, 343.3928

■ 0.0000, 0.0000,
0.0000

■ 49.6903, 54.3042,
51.0428

■ 49.6903, 54.3042,
51.0428

■ 46.1167, 52.6792,
41.1334

■ 53.6353, 56.0909,
62.4609

■ 42.8969, 51.2034,
32.6661

■ 57.9597, 58.0373,
75.4435

■ 40.0184, 49.8734,
25.5744

■ 62.6766, 60.1506,
90.0479

■ 37.4662, 48.6832,
19.7854

■ 67.1787, 62.1880,
103.0705

■ 35.2239, 47.6260,
15.2193

■ 69.3135, 63.2885,
103.1704

■ 33.2736, 46.6945,
11.7877

■ 71.5368, 64.4346,
103.2745

■ 31.5948, 45.8804,
9.3903

■ 73.8495, 65.6269,
103.3827

■ 30.1639, 45.1741,
7.9090

■ 76.2528, 66.8658,
103.4952

■ 28.9433, 44.5603,
7.1530

■ 78.7476, 68.1519,
103.6119

Harmonies

Analogous

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



51.4085, 54.3042, 49.5582



49.6903, 54.3042, 51.0428



48.5101, 54.3042, 54.6866

Triad

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



49.6903, 54.3042, 51.0428



50.0395, 54.3042, 68.6756



55.2360, 54.3042, 58.5392

Complementary

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



49.6903, 54.3042, 51.0428



46.6512, 47.1144, 59.4615

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.



54.8487, 54.3042, 63.8037



49.6903, 54.3042, 51.0428



51.8211, 54.3042, 69.8568

Square

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



49.6903, 54.3042, 51.0428



48.7083, 54.3042, 64.8862



53.5878, 54.3042, 68.0250



54.6341, 54.3042, 53.7210

Rectangle

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



49.6903, 54.3042, 51.0428



48.1720, 54.3042, 57.9572



53.5878, 54.3042, 68.0250



55.2173, 54.3042, 60.3146

Sweetspot

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



49.6918, 54.3066, 51.0440



92.8557, 99.0083, 102.4956



48.8146, 50.2642, 50.3100



19.7517, 21.1361, 21.5812



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.



49.6918, 54.3066, 51.0440



87.9773, 96.7972, 88.5421



47.6278, 53.2425, 50.9474



11.1464, 12.2224, 11.3344



19.0258, 29.3035, 4.6534



0.9773, 1.4269, 0.2239

Inverse Universe

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



46.6512, 47.1144, 59.4615



81.6374, 81.8003, 106.0940



48.7651, 48.2041, 59.5604



10.4042, 10.4666, 13.3894



8.3522, 3.5400, 34.9874



0.4741, 0.2082, 1.6603

Previews

White Background



This preview shows how the XYZ color 49.6903, 54.3042, 51.0428 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 49.6903, 54.3042, 51.0428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

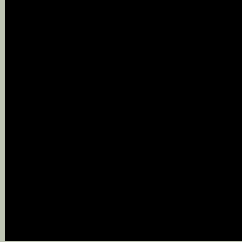
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

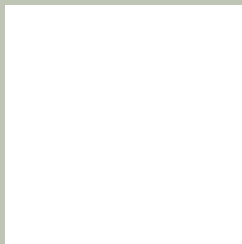
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.6903, 54.3042, 51.0428

Background



This preview shows how black text looks on a background with the XYZ color 49.6903, 54.3042, 51.0428.



This preview shows how white text looks on a background with the XYZ color 49.6903, 54.3042,

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

49.6903, 54.3042, 51.0428

Protanopia

51.6848, 54.3545, 49.8869

Deuteranopia

55.3402, 54.2493, 51.8104



Tritanopia

52.9608, 54.2961, 67.3634

Trichromacy



Original Color

49.6903, 54.3042, 51.0428

Protanomaly

50.9405, 54.2907, 50.4421

Deuteranomaly

52.9837, 54.0077, 51.3480

Tritanomaly

51.7330, 54.1301, 61.1476

Monochromacy



Original Color

49.6903, 54.3042, 51.0428

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.1071, 53.4209, 55.2473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6903, 54.3042, 51.0428 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(191, 197, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 180)  
}
```

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(191, 197, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 180) }
```

Border

The CSS property to change the border of an element to XYZ 49.6903, 54.3042, 51.0428 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(191, 197, 180) }
```


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

```
.border{ border-color:rgb(191, 197, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6903, 54.3042, 51.0428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 180) }
```

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

```
.background{ background-color: rgb(191,  
197, 180) }
```

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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