

Converting Colors

XYZ(49.6910, 51.9098, 54.9705)

Have a look what the booklet for
XYZ(49.6910, 51.9098, 54.9705)
contains.

XYZ(49.7387, 51.9271, 54.9784)	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(49.7387, 51.9271,
54.9784)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BEBC
RGB	194, 190, 188
RGB Percent	76%, 75%, 74%
CMY	0.2392, 0.2549, 0.2627
CMYK	0.00, 0.02, 0.03, 0.24
HSL	20°, 5%, 75%
HSV	20°, 3%, 76%
XYZ	49.7387, 51.9271, 54.9784
YIQ	190.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

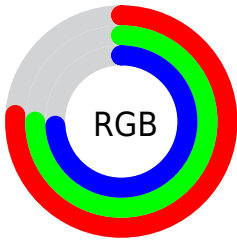
Format	Color
RYB	194, 191, 188
Decimal	12762812
CIELab	77.24, 1.04, 1.49
CIELCh	77, 1.819, 55.193
Yxy	51.9271, 0.3175, 0.3315
Android (android.graphics.Color)	4290952892 (0xFFC2BEB3)
YUV	190.9680, -1.4632, 2.6591
Hunter-Lab	72.0605, -2.8987, 5.2071

Details

The XYZ color **49.7387, 51.9271, 54.9784** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3263, 52.2850, 58.5318**, and the grayscale version is **49.5109, 52.0894, 56.7253**.

A 20% lighter version of the original color is **88.7092, 92.7672, 98.8183**, and **24.1341, 25.2160, 26.5169** is the 20% darker color. If you saturate the color by 10%, you get **45.1109, 45.7959, 43.8021**, and if you desaturate by 10%, it is **54.8988, 58.6716, 67.7205**.

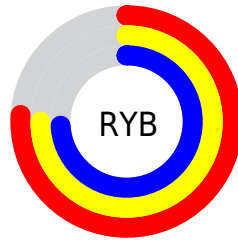
Distribution



Red (76%)

Green (75%)

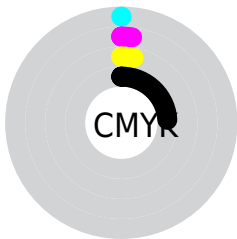
Blue (74%)



Red (76%)

Yellow (75%)

Blue (74%)

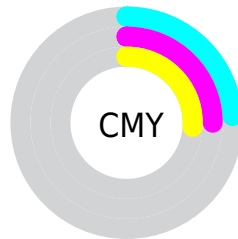


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7387, 51.9271, 54.9784 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 49.7387, 51.9271, 54.9784 by changing the saturation by 10% instead.

■ 49.7387, 51.9271,
54.9784

■ 49.7387, 51.9271,
54.9784

376.1121,
394.1551, 423.1097

■ 35.4228, 36.9470,
38.9859

■ 88.9817, 93.0237,
98.9801

■ 24.1568, 25.1664,
26.4410

114.6396,
119.9090, 127.8265

■ 15.5753, 16.2011,
16.9252

144.8087,
151.5315, 161.7946

■ 9.3131, 9.6666,
10.0198

179.8546,
188.2755, 201.3029

■ 5.0047, 5.1784,
5.3063

220.1425,
230.5255, 246.7701

■ 2.2848, 2.3523,
2.3662

266.0378,

■ 0.7869, 0.8012,

278.6658, 298.6146

0.7680

317.9059,
333.0809, 357.2549

■ 0.0000, 0.0000,
0.0000

■ 49.7387, 51.9271,
54.9784

■ 49.7387, 51.9271,
54.9784

■ 45.1109, 45.7959,
43.8021

■ 54.8988, 58.6716,
67.7205

■ 40.9934, 40.2541,
34.1273

■ 60.6035, 66.0392,
82.0823

■ 37.3692, 35.2856,
25.8904

■ 66.8702, 74.0482,
98.1195

■ 34.2186, 30.8716,
19.0219

■ 71.9596, 82.0119,
106.6449

■ 31.5202, 26.9917,
13.4463

■ 75.9363, 89.9651,
107.9705

■ 29.2514, 23.6246,
9.0811

■ 76.0584, 90.2095,
108.0112

■ 27.3867, 20.7471,
5.8337

■ 25.8981, 18.3341,
3.5981

■ 24.7527, 16.3576,
2.2472

Harmonies

Analogous

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



49.9641, 51.9271, 55.7267



49.7387, 51.9271, 54.9784



49.4113, 51.9271, 54.6486

Triad

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



49.7387, 51.9271, 54.9784



48.6903, 51.9271, 56.3791



49.6410, 51.9271, 58.2945

Complementary

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



49.7387, 51.9271, 54.9784



49.3263, 52.2850, 58.5318

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.



49.2990, 51.9271, 58.4741



49.7387, 51.9271, 54.9784



48.7512, 51.9271, 57.3608

Square

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



49.7387, 51.9271, 54.9784



48.8069, 51.9271, 55.4512



48.9736, 51.9271, 58.1305



49.9075, 51.9271, 57.6425

Rectangle

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



49.7387, 51.9271, 54.9784



49.1797, 51.9271, 54.7076



48.9736, 51.9271, 58.1305



49.5310, 51.9271, 58.4124

Sweetspot

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



49.7402, 51.9293, 54.9795



91.9766, 96.5268, 104.1651



49.7465, 51.2424, 57.1387



20.1518, 21.1514, 22.8354



0.0000, 0.0000, 0.0000



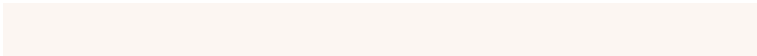
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7402, 51.9293, 54.9795



89.2598, 92.9551, 97.5195



50.3959, 53.2408, 55.1981



10.8270, 11.2569, 11.7400



15.9300, 10.1458, 1.1187



0.7525, 0.5667, 0.0697

Inverse Universe

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



49.3263, 52.2850, 58.5318



88.2809, 93.7962, 105.9214



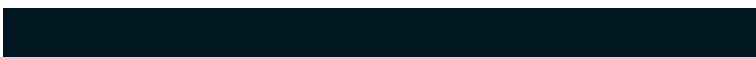
48.6750, 50.9824, 58.3148



10.6898, 11.3747, 12.9170



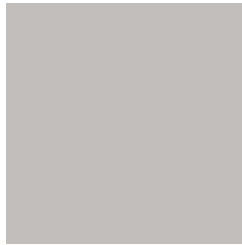
11.6608, 13.0781, 35.4663



0.5651, 0.6876, 1.5528

Previews

White Background



This preview shows how the XYZ color 49.7387, 51.9271, 54.9784 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 49.7387, 51.9271, 54.9784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

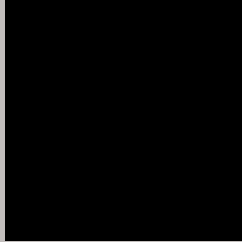
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

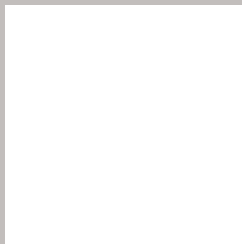
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.7387, 51.9271, 54.9784

Background



This preview shows how black text looks on a background with the XYZ color 49.7387, 51.9271, 54.9784.



This preview shows how white text looks on a background with the XYZ color 49.7387, 51.9271,

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

49.7387, 51.9271, 54.9784

Protanopia

49.9962, 52.0599, 54.9904

Deuteranopia

53.1126, 52.0737, 55.3960



Tritanopia

51.5277, 52.0140, 63.8238

Trichromacy



Original Color

49.7387, 51.9271, 54.9784

Protanomaly

49.9962, 52.0599, 54.9904

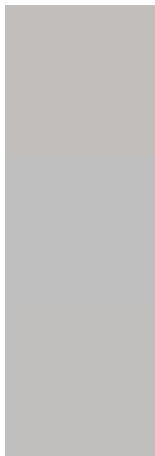
Deuteranomaly

51.8575, 52.0521, 55.4580

Tritanomaly

50.8963, 52.0745, 60.7949

Monochromacy



Original Color

49.7387, 51.9271, 54.9784

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.6633, 52.1858, 56.1705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7387, 51.9271, 54.9784 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(194, 190, 188)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 188)  
}
```

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(194, 190, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 188) }
```

Border

The CSS property to change the border of an element to XYZ 49.7387, 51.9271, 54.9784 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(194, 190, 188) }
```


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

```
.border{ border-color:rgb(194, 190, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 190, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 190, 188); box-shadow:4px 4px 4px 4px rgb(194, 190, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7387, 51.9271, 54.9784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 188) }
```

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

```
.background{ background-color: rgb(194,  
190, 188) }
```

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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