

Converting Colors

XYZ(47.2298, 49.4265, 51.3079)

Have a look what the booklet for
XYZ(47.2298, 49.4265, 51.3079)
contains.

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Color

**XYZ(47.2376, 49.4424,
51.3096)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBAB6
RGB	190, 186, 182
RGB Percent	75%, 73%, 71%
CMY	0.2549, 0.2706, 0.2863
CMYK	0.00, 0.02, 0.04, 0.25
HSL	30°, 6%, 73%
HSV	30°, 4%, 75%
XYZ	47.2376, 49.4424, 51.3096
YIQ	186.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

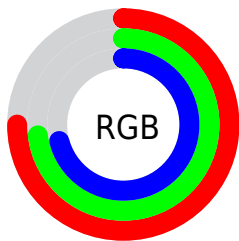
Format	Color
RYB	190, 190, 182
Decimal	12499638
CIELab	75.73, 0.68, 2.51
CIELCh	76, 2.603, 74.782
Yxy	49.4424, 0.3192, 0.3341
Android (android.graphics.Color)	4290689718 (0xFFBEBAB6)
YUV	186.7400, -2.3368, 2.8590
Hunter-Lab	70.3153, -3.1360, 5.9563

Details

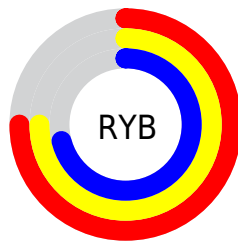
The XYZ color **47.2376, 49.4424, 51.3096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1445, 48.7797, 55.6991**, and the grayscale version is **47.1001, 49.5530, 53.9632**.

A 20% lighter version of the original color is **85.1908, 89.2701, 93.6297**, and **22.6665, 23.6784, 24.1446** is the 20% darker color. If you saturate the color by 10%, you get **43.4726, 44.8440, 41.0154**, and if you desaturate by 10%, it is **51.4047, 54.4173, 63.0535**.

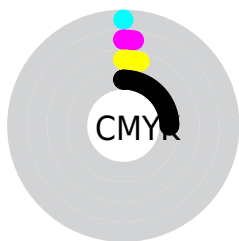
Distribution



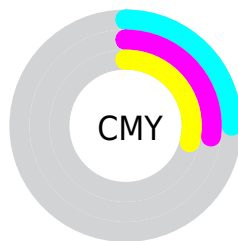
- Red (75%)
- Green (73%)
- Blue (71%)



- Red (75%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2376, 49.4424, 51.3096 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 47.2376, 49.4424, 51.3096 by changing the saturation by 10% instead.

■ 47.2376, 49.4424,
51.3096

■ 47.2376, 49.4424,
51.3096

366.3952,
384.4814, 408.6463

■ 33.4323, 34.9705,
36.0766

■ 85.2848, 89.3482,
93.5284

■ 22.6186, 23.6402,
24.2032

110.2573,
115.5509, 121.3514

■ 14.4313, 15.0669,
15.2708

139.6829,
146.4326, 154.2080

■ 8.5049, 8.8664,
8.8610

173.9270,
182.3779, 192.5170

■ 4.4742, 4.6541,
4.5550

213.3550,
223.7710, 236.6967

■ 1.9738, 2.0458,
1.9345

258.3321,

■ 0.6192, 0.6339,

270.9963, 287.1658

0.5146

309.2237,
324.4383, 344.3429

■ 0.0000, 0.0000,
0.0000

■ 47.2376, 49.4424,
51.3096

■ 47.2376, 49.4424,
51.3096

■ 43.4726, 44.8440,
41.0154

■ 51.4047, 54.4173,
63.0535

■ 40.0923, 40.6064,
32.1107

■ 55.9823, 59.7714,
76.2976

■ 37.0841, 36.7218,
24.5359

■ 60.9837, 65.5153,
91.0941

■ 34.4330, 33.1800,
18.2255

■ 65.9332, 71.4627,
104.9264

■ 32.1230, 29.9699,
13.1087

■ 68.5553, 76.7070,
105.8004

■ 30.1365, 27.0800,
9.1075

■ 71.3221, 82.2405,
106.7227

■ 28.4541, 24.4975,
6.1346

■ 74.2357, 88.0677,
107.6939

■ 27.0536, 22.2087,
4.0892

■ 75.0454, 89.6873,
107.9638

■ 25.9090, 20.1978,
2.8496

Harmonies

Analogous

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



47.6555, 49.4424, 51.9833



47.2376, 49.4424, 51.3096



46.7571, 49.4424, 51.3045

Triad

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



47.2376, 49.4424, 51.3096



46.1017, 49.4424, 54.5155



47.6504, 49.4424, 55.7435

Complementary

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



47.2376, 49.4424, 51.3096



46.1445, 48.7797, 55.6991

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.



47.2308, 49.4424, 56.4460



47.2376, 49.4424, 51.3096



46.3377, 49.4424, 55.7289

Square

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



47.2376, 49.4424, 51.3096



46.1035, 49.4424, 53.1396



46.7503, 49.4424, 56.4406



47.8949, 49.4424, 54.5352

Rectangle

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



47.2376, 49.4424, 51.3096



46.4660, 49.4424, 51.6802



46.7503, 49.4424, 56.4406



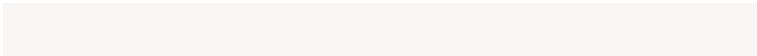
47.5251, 49.4424, 56.0475

Sweetspot

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



47.2390, 49.4445, 51.3107



87.9345, 92.4040, 99.4885



46.8267, 47.9489, 53.2420



19.3179, 20.3010, 21.8699



92.9021, 97.7402, 106.4391



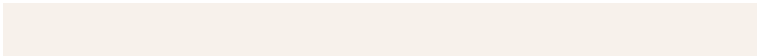
19.4759, 20.4902, 22.3138

Same Dimension

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



47.2390, 49.4445, 51.3107



84.9804, 88.8474, 91.2543



48.0927, 51.1520, 51.5953



10.2281, 10.6860, 10.9064



16.9250, 12.8888, 1.5957



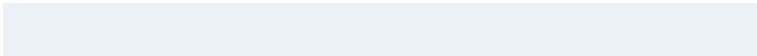
0.7284, 0.6357, 0.0843

Inverse Universe

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



46.1445, 48.7797, 55.6991



82.6006, 87.4020, 100.7959



45.3143, 47.1194, 55.4224



9.9116, 10.4938, 12.1753



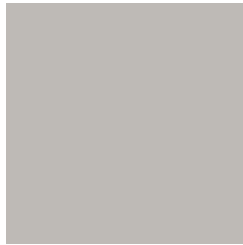
8.9746, 8.0609, 33.4758



0.4170, 0.4466, 1.3331

Previews

White Background



This preview shows how the XYZ color 47.2376, 49.4424, 51.3096 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 47.2376, 49.4424, 51.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

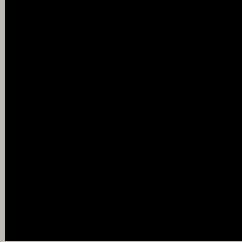
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2376, 49.4424, 51.3096

Background



This preview shows how black text looks on a background with the XYZ color 47.2376, 49.4424, 51.3096.



This preview shows how white text looks on a background with the XYZ color 47.2376, 49.4424,

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

47.2376, 49.4424, 51.3096

Protanopia

47.4883, 49.5716, 51.3213

Deuteranopia

50.3221, 49.1832, 51.6408



Tritanopia

49.0718, 49.5647, 60.4067

Trichromacy



Original Color

47.2376, 49.4424, 51.3096

Protanomaly

47.4883, 49.5716, 51.3213

Deuteranomaly

49.0946, 49.1542, 51.6999

Tritanomaly

48.3492, 49.5801, 56.8908

Monochromacy



Original Color

47.2376, 49.4424, 51.3096

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2663, 49.7348, 53.0075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2376, 49.4424, 51.3096 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(190, 186, 182)` looks like.

```
.text, #text, p{  
    color:rgb(190, 186, 182)  
}
```

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(190, 186, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 186, 182) }
```

Border

The CSS property to change the border of an element to XYZ 47.2376, 49.4424, 51.3096 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(190, 186, 182) }
```


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

```
.border{ border-color:rgb(190, 186, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 186, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 186, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 186, 182);  
box-shadow:4px 4px 4px 4px rgb(190, 186,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2376, 49.4424, 51.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 186, 182) }
```

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

```
.background{ background-color: rgb(190,  
186, 182) }
```

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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