

Converting Colors

XYZ(47.4458, 49.5257, 52.4061)

Have a look what the booklet for
XYZ(47.4458, 49.5257, 52.4061)
contains.

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Color

**XYZ(47.4458, 49.5257,
52.4061)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBAB8
RGB	190, 186, 184
RGB Percent	75%, 73%, 72%
CMY	0.2549, 0.2706, 0.2784
CMYK	0.00, 0.02, 0.03, 0.25
HSL	20°, 4%, 73%
HSV	20°, 3%, 75%
XYZ	47.4458, 49.5257, 52.4061
YIQ	186.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

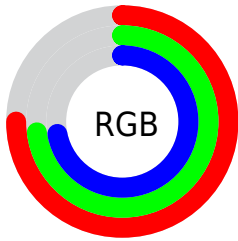
Format	Color
R _Y B	190, 187, 184
Decimal	12499640
CIE Lab	75.78, 1.04, 1.50
CIE LCh	76, 1.827, 55.201
Yxy	49.5257, 0.3176, 0.3315
Android (android.graphics.Color)	4290689720 (0xFFBEBAB8)
YUV	186.9680, -1.4632, 2.6591
Hunter-Lab	70.3745, -2.8124, 5.1104

Details

The XYZ color **47.4458, 49.5257, 52.4061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0444, 49.8735, 55.8627**, and the grayscale version is **47.2240, 49.6834, 54.1052**.

A 20% lighter version of the original color is **85.4863, 89.3884, 95.1861**, and **22.8008, 23.7321, 24.8518** is the 20% darker color. If you saturate the color by 10%, you get **43.0378, 43.6854, 41.7617**, and if you desaturate by 10%, it is **52.3603, 55.9496, 64.5404**.

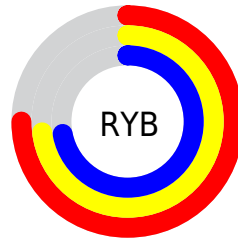
Distribution



Red (75%)

Green (73%)

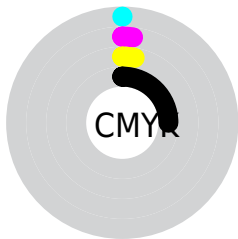
Blue (72%)



Red (75%)

Yellow (73%)

Blue (72%)

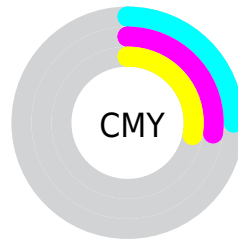


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4458, 49.5257, 52.4061 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 47.4458, 49.5257, 52.4061 by changing the saturation by 10% instead.

■ 47.4458, 49.5257,
52.4061

■ 47.4458, 49.5257,
52.4061

367.2104,
384.8082, 413.0039

■ 33.5976, 35.0367,
36.9444

■ 85.5934, 89.4717,
95.1625

■ 22.7461, 23.6911,
24.8690

110.6235,
115.6975, 123.2944

■ 14.5258, 15.1047,
15.7613

140.1117,
146.6044, 156.4867

■ 8.5714, 8.8929,
9.2029

174.4232,
182.5767, 195.1579

■ 4.5176, 4.6714,
4.7752

213.9235,
223.9988, 239.7268

■ 1.9989, 2.0558,
2.0595

258.9779,

■ 0.6333, 0.6396,

271.2552, 290.6117

0.5915

309.9518,
324.7302, 348.2312

■ 0.0000, 0.0000,
0.0000

■ 47.4458, 49.5257,
52.4061

■ 47.4458, 49.5257,
52.4061

■ 43.0378, 43.6854,
41.7617

■ 52.3603, 55.9496,
64.5404

■ 39.1154, 38.4059,
32.5460

■ 57.7929, 62.9663,
78.2159

■ 35.6624, 33.6719,
24.6987

■ 63.7603, 70.5932,
93.4856

■ 32.6600, 29.4656,
18.1537

■ 69.4610, 78.5185,
106.1023

■ 30.0881, 25.7676,
12.8392

■ 73.2476, 86.0916,
107.3645

■ 27.9250, 22.5576,
8.6767

■ 75.0454, 89.6873,
107.9638

■ 26.1466, 19.8135,
5.5784

■ 24.7262, 17.5116,
3.4434

■ 23.6326, 15.6253,
2.1512

Harmonies

Analogous

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



47.6652, 49.5257, 53.1338



47.4458, 49.5257, 52.4061



47.1273, 49.5257, 52.0855

Triad

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



47.4458, 49.5257, 52.4061



46.4259, 49.5257, 53.7690



47.3509, 49.5257, 55.6325

Complementary

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



47.4458, 49.5257, 52.4061



47.0444, 49.8735, 55.8627

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.



47.0182, 49.5257, 55.8074



47.4458, 49.5257, 52.4061



46.4852, 49.5257, 54.7241

Square

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



47.4458, 49.5257, 52.4061



46.5393, 49.5257, 52.8663



46.7015, 49.5257, 55.4731



47.6102, 49.5257, 54.9978

Rectangle

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



47.4458, 49.5257, 52.4061



46.9019, 49.5257, 52.1430



46.7015, 49.5257, 55.4731



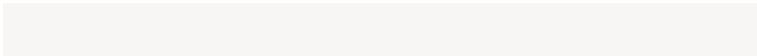
47.2439, 49.5257, 55.7473

Sweetspot

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



47.4472, 49.5278, 52.4072



87.8093, 92.1536, 99.4468



47.4534, 48.8596, 54.5073



19.2917, 20.2487, 21.8612



92.9021, 97.7402, 106.4391



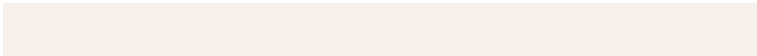
19.4759, 20.4902, 22.3138

Same Dimension

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



47.4472, 49.5278, 52.4072



85.2185, 88.7476, 93.1090



48.0851, 50.8036, 52.6198



10.2408, 10.6479, 11.1066



15.3841, 9.8071, 1.0821



0.6640, 0.5070, 0.0629

Inverse Universe

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



47.0444, 49.8735, 55.8627



84.2846, 89.5491, 101.1216



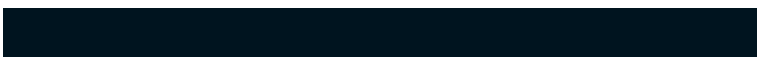
46.4110, 48.6067, 55.6516



10.1115, 10.7589, 12.2160



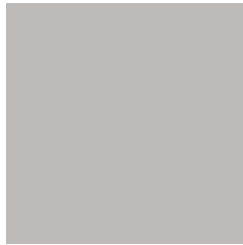
11.2626, 12.6368, 34.2385



0.4990, 0.6107, 1.3604

Previews

White Background



This preview shows how the XYZ color 47.4458, 49.5257, 52.4061 looks on a white background.

Color Contrast Check

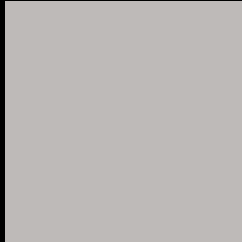
Large Text (above 18pt) WCAG AA × Fail

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 47.4458, 49.5257, 52.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

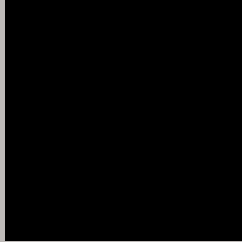
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

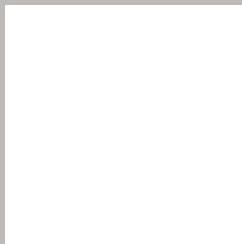
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4458, 49.5257, 52.4061

Background



This preview shows how black text looks on a background with the XYZ color 47.4458, 49.5257, 52.4061.

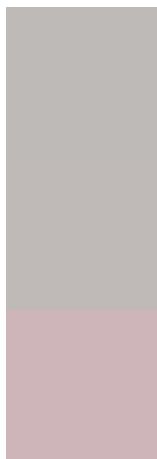


This preview shows how white text looks on a background with the XYZ color 47.4458, 49.5257,

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

47.4458, 49.5257, 52.4061

Protanopia

47.6965, 49.6549, 52.4179

Deuteranopia

50.4577, 49.5297, 52.7997



Tritanopia

49.0718, 49.5647, 60.4067

Trichromacy



Original Color

47.4458, 49.5257, 52.4061

Protanomaly

47.6965, 49.6549, 52.4179

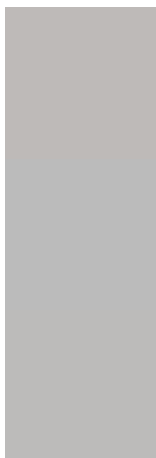
Deuteranomaly

49.5099, 49.6491, 52.8727

Tritanomaly

48.4605, 49.6245, 57.4764

Monochromacy



Original Color

47.4458, 49.5257, 52.4061

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.3723, 49.7772, 53.5655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4458, 49.5257, 52.4061 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, 184) looks like.

```
.text, #text, p{  
    color:rgb(190, 186, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 186, 184) }
```

Border

The CSS property to change the border of an element to XYZ 47.4458, 49.5257, 52.4061 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, 184) }
```


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

```
.border{ border-color:rgb(190, 186, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 186, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 186, 184);  
box-shadow:4px 4px 4px 4px rgb(190, 186,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4458, 49.5257, 52.4061 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, 184) }
```

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

```
.background{ background-color: rgb(190,  
186, 184) }
```

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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