

Converting Colors

XYZ(46.6363, 49.2769, 40.9444)

Have a look what the booklet for
XYZ(46.6363, 49.2769, 40.9444)
contains.

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Color

**XYZ(46.7569, 49.4268,
40.7942)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BAA1
RGB	196, 186, 161
RGB Percent	77%, 73%, 63%
CMY	0.2314, 0.2706, 0.3686
CMYK	0.00, 0.05, 0.18, 0.23
HSL	43°, 23%, 70%
HSV	43°, 18%, 77%
XYZ	46.7569, 49.4268, 40.7942
YIQ	186.1400, 13.9850, -5.6550

Conversions

Conversions Part 2

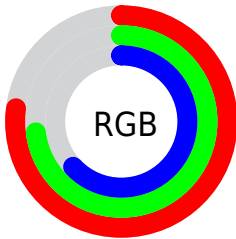
Format	Color
RYB	175, 196, 161
Decimal	12892833
CIELab	75.72, -0.62, 13.95
CIELCh	76, 13.964, 92.558
Yxy	49.4268, 0.3413, 0.3608
Android (android.graphics.Color)	4291082913 (0xFFC4BAA1)
YUV	186.1400, -12.3940, 8.6472
Hunter-Lab	70.3042, -4.3181, 14.8098

Details

The XYZ color **46.7569, 49.4268, 40.7942** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.2245, 40.6876, 58.0111**, and the grayscale version is **46.8135, 49.2514, 53.6348**.

A 20% lighter version of the original color is **84.6548, 89.3448, 77.7492**, and **22.3032, 23.6300, 17.8535** is the 20% darker color. If you saturate the color by 10%, you get **44.0064, 46.4781, 32.0080**, and if you desaturate by 10%, it is **49.8273, 52.5807, 51.0250**.

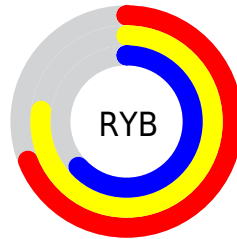
Distribution



Red (77%)

Green (73%)

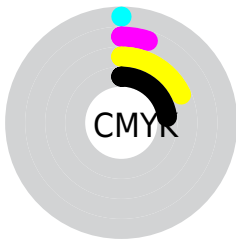
Blue (63%)



Red (69%)

Yellow (77%)

Blue (63%)

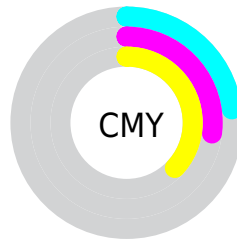


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7569, 49.4268, 40.7942 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 46.7569, 49.4268, 40.7942 by changing the saturation by 10% instead.

■ 46.7569, 49.4268,
40.7942

■ 46.7569, 49.4268,
40.7942

364.5085,
384.4201, 365.1109

■ 33.0507, 34.9582,
27.8398

■ 84.5716, 89.3250,
77.6217

■ 22.3247, 23.6307,
17.9670

■ 109.4107,
115.5234, 102.3318

■ 14.2136, 15.0599,
10.7571

138.6916,
146.4005, 131.7977

■ 8.3521, 8.8614,
5.7916

172.7795,
182.3406, 166.4377

■ 4.3747, 4.6509,
2.6521

212.0397,
223.7283, 206.6705

■ 1.9162, 2.0439,
0.9191

256.8378,

■ 0.5863, 0.6328,

270.9478, 252.9146

0.0000

307.5389,
324.3836, 305.5886

■ 0.0000, 0.0000,
0.0000

■ 46.7569, 49.4268,
40.7942

■ 46.7569, 49.4268,
40.7942

■ 44.0064, 46.4781,
32.0080

■ 49.8273, 52.5807,
51.0250

■ 41.5586, 43.7219,
24.5967

■ 53.2258, 55.9390,
62.7592

■ 39.4008, 41.1539,
18.4896

■ 56.9654, 59.5093,
76.0566

■ 37.5176, 38.7672,
13.6086

■ 61.0571, 63.2967,
90.9723

■ 35.8920, 36.5540,
9.8667

■ 64.8601, 67.0458,
104.1304

■ 34.5048, 34.5058,
7.1660

■ 66.3012, 69.9281,
104.6108

■ 33.3338, 32.6127,
5.3913

■ 67.7915, 72.9087,
105.1075

■ 32.3459, 30.8606,
4.3725

■ 69.3314, 75.9885,
105.6208

■ 32.1466, 30.4988,
4.1925

■ 70.9215, 79.1686,
106.1508

Harmonies

Analogous

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



49.3104, 49.4268, 42.1304



46.7569, 49.4268, 40.7942



44.3503, 49.4268, 42.6731

Triad

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



46.7569, 49.4268, 40.7942



42.9066, 49.4268, 61.8600



51.5366, 49.4268, 60.6588

Complementary

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



46.7569, 49.4268, 40.7942



39.2245, 40.6876, 58.0111

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.



49.7089, 49.4268, 66.7503



46.7569, 49.4268, 40.7942



44.7216, 49.4268, 67.4874

Square

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



46.7569, 49.4268, 40.7942



42.1790, 49.4268, 54.4561



47.2012, 49.4268, 69.3534



52.1294, 49.4268, 53.1837

Rectangle

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



46.7569, 49.4268, 40.7942



43.1361, 49.4268, 45.6067



47.2012, 49.4268, 69.3534



51.0430, 49.4268, 62.9587

Sweetspot

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



46.7582, 49.4290, 40.7952



91.9139, 96.9045, 98.0615



42.9088, 40.1855, 44.2741



19.5817, 20.6501, 20.6754



0.0000, 0.0000, 0.0000



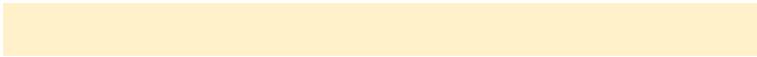
20.3446, 21.4041, 23.3091

Same Dimension

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



46.7582, 49.4290, 40.7952



82.9093, 87.6456, 68.0838



47.1597, 52.8723, 41.4387



10.6625, 11.2565, 10.6726



20.7319, 19.7495, 2.7193



0.9521, 0.9661, 0.1363

Inverse Universe

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



39.2245, 40.6876, 58.0111



67.0054, 69.1937, 104.4319



38.8578, 37.8008, 57.4732



9.7574, 10.2061, 12.7405



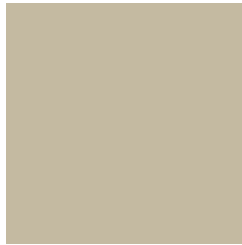
7.3746, 4.5056, 34.0376



0.3794, 0.3162, 1.4909

Previews

White Background



This preview shows how the XYZ color 46.7569, 49.4268, 40.7942 looks on a white background.

Color Contrast Check

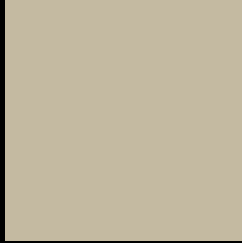
Large Text (above 18pt) WCAG AA × Fail

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 46.7569, 49.4268, 40.7942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

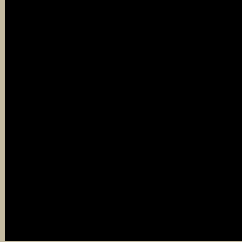
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7569, 49.4268, 40.7942

Background



This preview shows how black text looks on a background with the XYZ color 46.7569, 49.4268, 40.7942.



This preview shows how white text looks on a background with the XYZ color 46.7569, 49.4268,

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

46.7569, 49.4268, 40.7942

Protanopia

46.7569, 49.4268, 40.7942

Deuteranopia

50.2834, 49.3973, 41.0668



Tritanopia

50.4616, 49.4054, 58.5063

Trichromacy



Original Color

46.7569, 49.4268, 40.7942

Protanomaly

46.7569, 49.4268, 40.7942

Deuteranomaly

48.9817, 49.3299, 41.1224

Tritanomaly

49.0339, 49.4280, 51.7559

Monochromacy



Original Color

46.7569, 49.4268, 40.7942

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.7299, 49.2393, 48.6362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7569, 49.4268, 40.7942 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(196, 186, 161)` looks like.

```
.text, #text, p{  
    color:rgb(196, 186, 161)  
}
```

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(196, 186, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 186, 161) }
```

Border

The CSS property to change the border of an element to XYZ 46.7569, 49.4268, 40.7942 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(196, 186, 161) }
```


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

```
.border{ border-color:rgb(196, 186, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 186, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 186, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 186, 161);  
box-shadow:4px 4px 4px 4px rgb(196, 186,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7569, 49.4268, 40.7942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 186, 161) }
```

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

```
.background{ background-color: rgb(196,  
186, 161) }
```

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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