

Converting Colors

XYZ(44.3267, 50.0505, 42.9226)

Have a look what the booklet for
XYZ(44.3267, 50.0505, 42.9226)
contains.

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Color

**XYZ(44.2316, 49.9996,
42.9169)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C0A5
RGB	179, 192, 165
RGB Percent	70%, 75%, 65%
CMY	0.2980, 0.2470, 0.3529
CMYK	0.07, 0.00, 0.14, 0.25
HSL	89°, 18%, 70%
HSV	89°, 14%, 75%
XYZ	44.2316, 49.9996, 42.9169
YIQ	185.0350, 0.9190, -11.1530

Conversions

Conversions Part 2

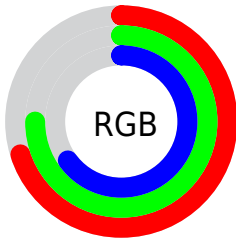
Format	Color
RYB	165, 192, 178
Decimal	11780261
CIELab	76.07, -9.38, 12.10
CIELCh	76, 15.311, 127.790
Yxy	49.9996, 0.3225, 0.3646
Android (android.graphics.Color)	4289970341 (0xFFB3C0A5)
YUV	185.0350, -9.8773, -5.2927
Hunter-Lab	70.7104, -12.0858, 13.5119

Details

The XYZ color **44.2316, 49.9996, 42.9169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.3316, 40.1823, 55.4494**, and the grayscale version is **46.1876, 48.5929, 52.9177**.

A 20% lighter version of the original color is **80.7466, 89.9643, 80.8192**, and **20.8174, 24.0931, 19.1760** is the 20% darker color. If you saturate the color by 10%, you get **40.5481, 48.2892, 34.2967**, and if you desaturate by 10%, it is **48.3235, 51.8932, 52.9279**.

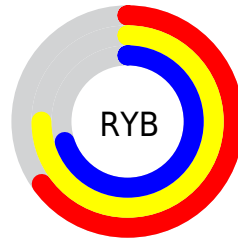
Distribution



Red (70%)

Green (75%)

Blue (65%)



Red (65%)

Yellow (75%)

Blue (70%)

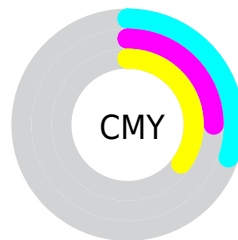


Cyan (7%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (30%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2316, 49.9996, 42.9169 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 44.2316, 49.9996, 42.9169 by changing the saturation by 10% instead.


 44.2316, 49.9996,
42.9169


 44.2316, 49.9996,
42.9169


354.4888,
386.6644, 374.1811

 31.0513, 35.4131,
29.4890


 80.8103, 90.1743,
80.8705

 20.7899, 23.9812,
19.2023


 104.9395,
116.5312, 106.2332

 13.0821, 15.3197,
11.6383


133.4490,
147.5805, 136.4113

 7.5625, 9.0441,
6.3783

166.7041,
183.7063, 171.8233

 3.8657, 4.7699,
3.0040

205.0703,
225.2933, 212.8877

 1.6265, 2.1129,
1.0967

248.9130,

 0.4096, 0.6719,

272.7257, 260.0231

0.0000

298.5973,
326.3879, 313.6481

■ 0.0000, 0.0000,
0.0000

■ 44.2316, 49.9996,
42.9169

■ 44.2316, 49.9996,
42.9169

■ 40.5481, 48.2892,
34.2967

■ 48.3235, 51.8932,
52.9279

■ 37.2546, 46.7493,
27.0024

■ 52.8335, 53.9693,
64.3841

■ 34.3369, 45.3757,
20.9692

■ 57.7758, 56.2355,
77.3410

■ 31.7786, 44.1614,
16.1250

■ 63.1627, 58.6970,
91.8502

■ 29.5615, 43.0988,
12.3909

■ 68.0242, 60.9661,
102.7901

■ 27.6657, 42.1796,
9.6782

■ 70.9893, 62.4946,
102.9289

■ 26.0684, 41.3942,
7.8847

■ 74.1130, 64.1050,
103.0751

■ 24.7429, 40.7316,
6.8867

■ 77.3976, 65.7982,
103.2288

■ 24.0558, 40.3846,
6.5271

■ 78.1406, 66.1813,
103.2635

Harmonies

Analogous

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



46.7814, 49.9996, 40.2774



44.2316, 49.9996, 42.9169



42.6104, 49.9996, 48.7010

Triad

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



44.2316, 49.9996, 42.9169



45.4741, 49.9996, 70.3665



53.1838, 49.9996, 52.3335

Complementary

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



44.2316, 49.9996, 42.9169



41.3316, 40.1823, 55.4494

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.



52.7996, 49.9996, 60.6154



44.2316, 49.9996, 42.9169



48.2726, 49.9996, 71.5877

Square

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



44.2316, 49.9996, 42.9169



43.3075, 49.9996, 64.6759



50.9740, 49.9996, 67.8630



52.0038, 49.9996, 45.3473

Rectangle

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



44.2316, 49.9996, 42.9169



42.2359, 49.9996, 53.8360



50.9740, 49.9996, 67.8630



53.2342, 49.9996, 55.0507

Sweetspot

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



44.2329, 50.0018, 42.9180



87.5548, 94.0227, 95.8969



44.3725, 45.6067, 42.0623



18.6570, 20.1127, 20.2580



92.9021, 97.7402, 106.4391



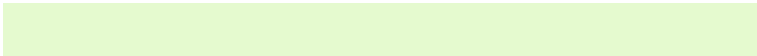
19.4759, 20.4902, 22.3138

Same Dimension

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



44.2329, 50.0018, 42.9180



77.9224, 89.5653, 72.4800



41.3476, 48.5143, 42.7829



10.4314, 11.5098, 10.7337



16.2765, 27.2197, 4.3961



0.7825, 1.2170, 0.1937

Inverse Universe

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



41.3316, 40.1823, 55.4494



71.6089, 68.1974, 99.7495



44.4825, 41.8067, 55.5968



9.9795, 9.9806, 12.6853



9.4920, 4.1538, 33.8581



0.4897, 0.2205, 1.4666

Previews

White Background



This preview shows how the XYZ color 44.2316, 49.9996, 42.9169 looks on a white background.

Color Contrast Check

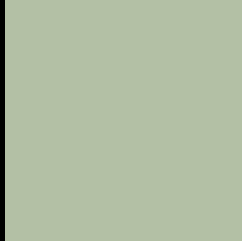
Large Text (above 18pt) WCAG AA × Fail

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 44.2316, 49.9996, 42.9169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

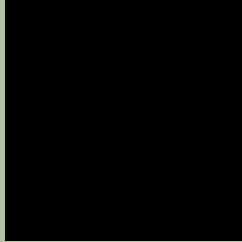
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2316, 49.9996, 42.9169

Background



This preview shows how black text looks on a background with the XYZ color 44.2316, 49.9996, 42.9169.



This preview shows how white text looks on a background with the XYZ color 44.2316, 49.9996,

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

44.2316, 49.9996, 42.9169

Protanopia

47.0569, 49.8850, 41.3310

Deuteranopia

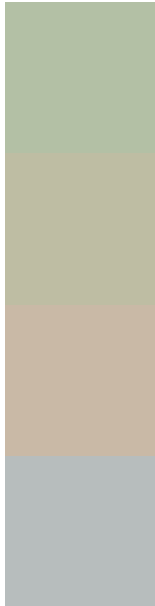
50.9395, 49.9839, 43.5223



Tritanopia

48.4386, 50.1192, 62.9981

Trichromacy



Original Color

44.2316, 49.9996, 42.9169

Protanomaly

46.0437, 49.9867, 41.8720

Deuteranomaly

48.3193, 49.8686, 43.1553

Tritanomaly

46.9113, 50.1366, 55.3490

Monochromacy



Original Color

44.2316, 49.9996, 42.9169

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.5475, 49.2481, 49.2247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2316, 49.9996, 42.9169 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(179, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(179, 192, 165)  
}
```

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(179, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 192, 165) }
```

Border

The CSS property to change the border of an element to XYZ 44.2316, 49.9996, 42.9169 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(179, 192, 165) }
```


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

```
.border{ border-color:rgb(179, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 192, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 192, 165);  
box-shadow:4px 4px 4px 4px rgb(179, 192,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2316, 49.9996, 42.9169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 192, 165) }
```

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

```
.background{ background-color: rgb(179,  
192, 165) }
```

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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