

Converting Colors

XYZ(42.3145, 46.9954, 32.8274)

Have a look what the booklet for
XYZ(42.3145, 46.9954, 32.8274)
contains.

XYZ(42.3145, 46.9954, 32.8274)	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(42.3145, 46.9954,
32.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B98F
RGB	185, 185, 143
RGB Percent	73%, 73%, 56%
CMY	0.2745, 0.2745, 0.4392
CMYK	0.00, 0.00, 0.23, 0.27
HSL	60°, 23%, 64%
HSV	60°, 23%, 73%
XYZ	42.3145, 46.9954, 32.8274
YIQ	180.2120, 13.4820, -13.0620

Conversions

Conversions Part 2

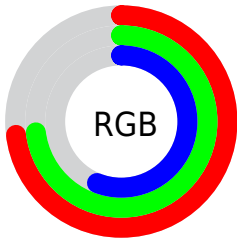
Format	Color
RYB	143, 185, 143
Decimal	12171663
CIELab	74.19, -6.95, 21.39
CIELCh	74, 22.487, 108.003
Yxy	46.9954, 0.3465, 0.3848
Android (android.graphics.Color)	4290361743 (0xFFB9B98F)
YUV	180.2120, -18.3455, 4.1991
Hunter-Lab	68.5532, -9.7888, 19.5956

Details

The XYZ color **42.3145, 46.9954, 32.8274** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.9089, 28.9886, 49.9206**, and the grayscale version is **43.5878, 45.8577, 49.9391**.

A 20% lighter version of the original color is **77.8090, 85.6426, 65.2530**, and **19.5431, 22.1005, 13.3610** is the 20% darker color. If you saturate the color by 10%, you get **41.0271, 46.4820, 26.0449**, and if you desaturate by 10%, it is **43.8355, 47.6055, 40.8292**.

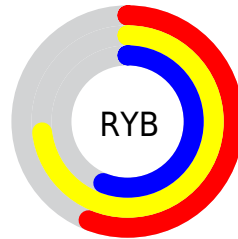
Distribution



Red (73%)

Green (73%)

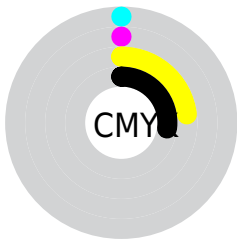
Blue (56%)



Red (56%)

Yellow (73%)

Blue (56%)

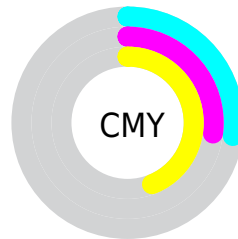


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3145, 46.9954, 32.8274 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 42.3145, 46.9954, 32.8274 by changing the saturation by 10% instead.

■ 42.3145, 46.9954,
32.8274

■ 42.3145, 46.9954,
32.8274

346.7545,
374.7962, 329.4794

■ 29.5398, 33.0320,
21.7242

■ 77.9376, 85.7068,
65.2189

■ 19.6359, 22.1510,
13.4580

■ 101.5167,
111.2235, 87.3442

■ 12.2374, 13.9679,
7.6103

129.4279,
141.3602, 113.9807

■ 6.9789, 8.0983,
3.7624

162.0368,
176.5012, 145.5469

■ 3.4951, 4.1579,
1.4959

199.7085,
217.0309, 182.4614

■ 1.4207, 1.7623,
0.2149

242.8084,

■ 0.2709, 0.4635,

263.3337, 225.1426

0.0000

291.7020,
315.7940, 274.0091

■ 0.0000, 0.0000,
0.0000

■ 42.3145, 46.9954,
32.8274

■ 42.3145, 46.9954,
32.8274

■ 41.0271, 46.4820,
26.0449

■ 43.8355, 47.6055,
40.8292

■ 39.9583, 46.0544,
20.4192

■ 45.5971, 48.3101,
50.1030

■ 39.0971, 45.7099,
15.8866

■ 47.6102, 49.1154,
60.7017

■ 38.4300, 45.4430,
12.3761

■ 49.8843, 50.0251,
72.6747

■ 37.9420, 45.2477,
9.8083

■ 52.4283, 51.0428,
86.0686

■ 37.6157, 45.1172,
8.0923

■ 55.2505, 52.1717,
100.9278

■ 37.4304, 45.0430,
7.1192

■ 55.4108, 52.2359,
101.7698

■ 37.3542, 45.0125,
6.7195

■ 55.4113, 52.2361,
101.7698

■ 55.4117, 52.2364,
101.7699

Harmonies

Analogous

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



46.2984, 46.9954, 32.3816



42.3145, 46.9954, 32.8274



39.1509, 46.9954, 37.7070

Triad

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



42.3145, 46.9954, 32.8274



39.6793, 46.9954, 69.5056



52.6872, 46.9954, 55.9246

Complementary

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



42.3145, 46.9954, 32.8274



29.9089, 28.9886, 49.9206

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.



50.6798, 46.9954, 67.5077



42.3145, 46.9954, 32.8274



43.0757, 46.9954, 76.1021

Square

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



42.3145, 46.9954, 32.8274



37.6937, 46.9954, 58.3426



47.1066, 46.9954, 75.3203



52.4529, 46.9954, 44.6107

Rectangle

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



42.3145, 46.9954, 32.8274



37.8589, 46.9954, 43.2970



47.1066, 46.9954, 75.3203



52.2475, 46.9954, 59.9438

Sweetspot

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



42.3157, 46.9975, 32.8284



80.2133, 85.9396, 82.1165



34.7895, 31.9435, 30.3194



17.2520, 18.5107, 17.4904



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



42.3157, 46.9975, 32.8284



74.6390, 83.7097, 52.7714



37.6185, 44.5760, 32.6086



9.7501, 10.5033, 9.6204



25.4334, 30.6477, 4.5751



0.8966, 1.0804, 0.1613

Inverse Universe

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



29.9089, 28.9886, 49.9206



48.6863, 46.0385, 88.5249



33.8907, 31.0413, 50.1069



8.5212, 8.7195, 11.3134



5.9629, 2.3852, 31.3992



0.2102, 0.0841, 1.1069

Previews

White Background



This preview shows how the XYZ color 42.3145, 46.9954, 32.8274 looks on a white background.

Color Contrast Check

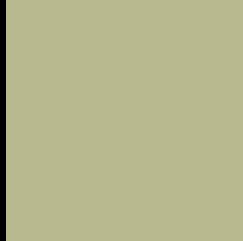
Large Text (above 18pt) WCAG AA × Fail

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 42.3145, 46.9954, 32.8274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

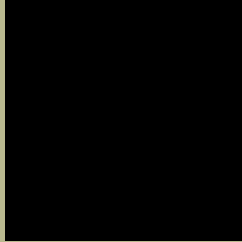
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3145, 46.9954, 32.8274

Background



This preview shows how black text looks on a background with the XYZ color 42.3145, 46.9954, 32.8274.



This preview shows how white text looks on a background with the XYZ color 42.3145, 46.9954,

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

42.3145, 46.9954, 32.8274

Protanopia

43.8586, 46.8782, 32.3280

Deuteranopia

47.8814, 46.8504, 33.3075



Tritanopia

46.9207, 46.7229, 56.4146

Trichromacy



Original Color

42.3145, 46.9954, 32.8274

Protanomaly

43.3018, 46.8963, 32.3608

Deuteranomaly

45.7827, 46.9503, 33.0349

Tritanomaly

45.1501, 46.9226, 46.7217

Monochromacy



Original Color

42.3145, 46.9954, 32.8274

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9944, 46.1910, 43.2089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3145, 46.9954, 32.8274 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(185, 185, 143)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 143)  
}
```

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(185, 185, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 143) }
```

Border

The CSS property to change the border of an element to XYZ 42.3145, 46.9954, 32.8274 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(185, 185, 143) }
```


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

```
.border{ border-color:rgb(185, 185, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 185, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 143);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3145, 46.9954, 32.8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 143) }
```

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

```
.background{ background-color: rgb(185,  
185, 143) }
```

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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