

Converting Colors

XYZ(42.0447, 46.4803, 36.7127)

Have a look what the booklet for
XYZ(42.0447, 46.4803, 36.7127)
contains.

XYZ(42.1817, 46.5260, 36.8942)	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(42.1817, 46.5260,
36.8942)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B899
RGB	182, 184, 153
RGB Percent	71%, 72%, 60%
CMY	0.2863, 0.2784, 0.4000
CMYK	0.01, 0.00, 0.17, 0.28
HSL	64°, 18%, 66%
HSV	64°, 17%, 72%
XYZ	42.1817, 46.5260, 36.8942
YIQ	179.8680, 8.7590, -10.0650

Conversions

Conversions Part 2

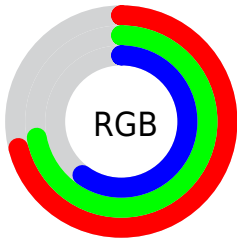
Format	Color
RYB	153, 184, 155
Decimal	11974809
CIELab	73.89, -6.05, 15.54
CIElCh	74, 16.679, 111.272
Yxy	46.5260, 0.3358, 0.3704
Android (android.graphics.Color)	4290164889 (0xFFB6B899)
YUV	179.8680, -13.2459, 1.8698
Hunter-Lab	68.2100, -8.9813, 15.6775

Details

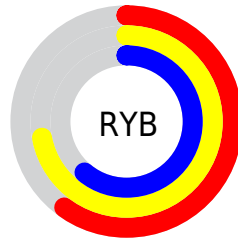
The XYZ color **42.1817, 46.5260, 36.8942** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.5623, 33.2130, 49.9918**, and the grayscale version is **43.3782, 45.6372, 49.6989**.

A 20% lighter version of the original color is **77.6825, 85.0023, 71.3443**, and **19.5678, 21.8590, 15.7583** is the 20% darker color. If you saturate the color by 10%, you get **40.4984, 45.8219, 29.4847**, and if you desaturate by 10%, it is **44.1042, 47.3292, 45.5402**.

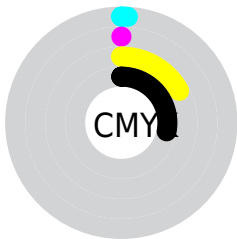
Distribution



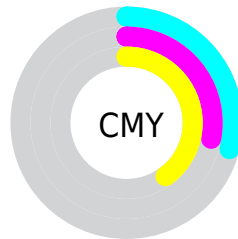
- Red (71%)
- Green (72%)
- Blue (60%)



- Red (60%)
- Yellow (72%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (28%)



- Cyan (29%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1817, 46.5260, 36.8942 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 42.1817, 46.5260, 36.8942 by changing the saturation by 10% instead.

■ 42.1817, 46.5260,
36.8942

■ 42.1817, 46.5260,
36.8942

346.2144,
372.9193, 348.0071

■ 29.4353, 32.6611,
24.8304

■ 77.7380, 85.0057,
71.5945

■ 19.5563, 21.8670,
15.7329

■ 101.2786,
110.3892, 95.0682

■ 12.1793, 13.7592,
9.1830

129.1480,
140.3811, 123.1823

■ 6.9390, 7.9534,
4.7623

161.7116,
175.3657, 156.3552

■ 3.4700, 4.0651,
2.0522

199.3346,
215.7274, 195.0057

■ 1.4069, 1.7101,
0.5871

242.3826,

■ 0.2611, 0.4302,

261.8507, 239.5521

0.0000

291.2207,
314.1198, 290.4131

■ 0.0000, 0.0000,
0.0000

■ 42.1817, 46.5260,
36.8942

■ 42.1817, 46.5260,
36.8942

■ 40.4984, 45.8219,
29.4847

■ 44.1042, 47.3292,
45.5402

■ 39.0400, 45.2065,
23.2524

■ 46.2723, 48.2293,
55.4725

■ 37.7962, 44.6772,
18.1374


■ 48.6967, 49.2322,
66.7417

■ 36.7543, 44.2290,
14.0735


■ 51.3863, 50.3414,
79.3949

■ 35.9005, 43.8562,
10.9877


■ 54.3496, 51.5604,
93.4769


 35.2190, 43.5527,
8.7974


 56.2117, 52.3392,
101.7475


 34.6917, 43.3111,
7.4064

 56.5082, 52.4921,
101.7614

 34.2934, 43.1214,
6.6823

 56.8072, 52.6462,
101.7754

 34.1791, 43.0662,
6.5112

 57.1086, 52.8016,
101.7895

Harmonies

Analogous

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



45.0939, 46.5260, 36.1505



42.1817, 46.5260, 36.8942



39.9140, 46.5260, 41.0994

Triad

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



42.1817, 46.5260, 36.8942



40.7438, 46.5260, 64.5206



50.1104, 46.5260, 53.1816

Complementary

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



42.1817, 46.5260, 36.8942



33.5623, 33.2130, 49.9918

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.



48.8284, 46.5260, 61.5965



42.1817, 46.5260, 36.8942



43.3606, 46.5260, 68.6071

Square

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



42.1817, 46.5260, 36.8942



39.1101, 46.5260, 56.8279



46.3262, 46.5260, 67.4810



49.7601, 46.5260, 44.9534

Rectangle

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



42.1817, 46.5260, 36.8942



39.0302, 46.5260, 45.5866



46.3262, 46.5260, 67.4810



49.8540, 46.5260, 56.0942

Sweetspot

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



42.1829, 46.5281, 36.8952



80.6073, 86.0670, 85.5557



37.1651, 35.7846, 35.0860



17.3206, 18.5307, 18.1862



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.



42.1829, 46.5281, 36.8952



75.3518, 83.8748, 61.9479



38.8178, 44.7932, 36.7377



9.6913, 10.4730, 9.6176



23.5777, 29.6911, 4.4883



0.8485, 1.0556, 0.1590

Inverse Universe

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



33.5623, 33.2130, 49.9918



56.9498, 55.4507, 89.9061



36.6328, 34.7958, 50.1355



8.5734, 8.7465, 11.3158



6.0886, 2.4500, 31.4051



0.2329, 0.0958, 1.1080

Previews

White Background



This preview shows how the XYZ color 42.1817, 46.5260, 36.8942 looks on a white background.

Color Contrast Check

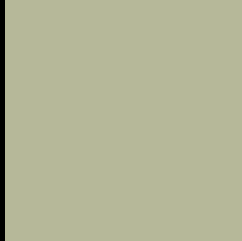
Large Text (above 18pt) WCAG AA × Fail

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 42.1817, 46.5260, 36.8942 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

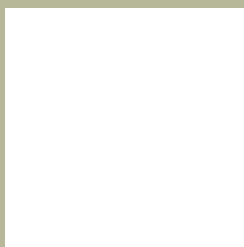
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1817, 46.5260, 36.8942

Background



This preview shows how black text looks on a background with the XYZ color 42.1817, 46.5260, 36.8942.



This preview shows how white text looks on a background with the XYZ color 42.1817, 46.5260,

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

42.1817, 46.5260, 36.8942

Protanopia

43.6772, 46.3911, 36.3581

Deuteranopia

47.2588, 46.4364, 37.4827



Tritanopia

46.0396, 46.2558, 56.9538

Trichromacy



Original Color

42.1817, 46.5260, 36.8942

Protanomaly

43.1345, 46.4143, 36.3912

Deuteranomaly

45.3063, 46.3160, 37.1238

Tritanomaly

44.3647, 46.1712, 48.6931

Monochromacy



Original Color

42.1817, 46.5260, 36.8942

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.8356, 45.7738, 44.6078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1817, 46.5260, 36.8942 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(182, 184, 153)` looks like.

```
.text, #text, p{  
    color:rgb(182, 184, 153)  
}
```

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(182, 184, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 184, 153) }
```

Border

The CSS property to change the border of an element to XYZ 42.1817, 46.5260, 36.8942 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(182, 184, 153) }
```


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

```
.border{ border-color:rgb(182, 184, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 184, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 184, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 184, 153);  
box-shadow:4px 4px 4px 4px rgb(182, 184,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1817, 46.5260, 36.8942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 184, 153) }
```

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

```
.background{ background-color: rgb(182,  
184, 153) }
```

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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