

Converting Colors

XYZ(35.2224, 42.4146, 32.7719)

Have a look what the booklet for
XYZ(35.2224, 42.4146, 32.7719)
contains.

XYZ(35.2796, 42.4381, 32.7175)	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(35.2796, 42.4381,
32.7175)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB690
RGB	155, 182, 144
RGB Percent	61%, 71%, 56%
CMY	0.3922, 0.2863, 0.4353
CMYK	0.15, 0.00, 0.21, 0.29
HSL	103°, 21%, 64%
HSV	103°, 21%, 71%
XYZ	35.2796, 42.4381, 32.7175
YIQ	169.5950, -3.8940, -17.5420

Conversions

Conversions Part 2

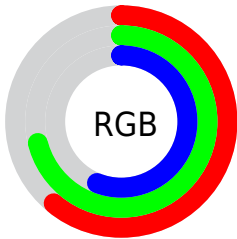
Format	Color
RYB	144, 182, 171
Decimal	10204816
CIELab	71.17, -16.41, 16.34
CIElCh	71, 23.154, 135.121
Yxy	42.4381, 0.3195, 0.3843
Android (android.graphics.Color)	4288394896 (0xFF9BB690)
YUV	169.5950, -12.6183, -12.7998
Hunter-Lab	65.1445, -17.3347, 15.8240

Details

The XYZ color **35.2796, 42.4381, 32.7175** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.2130, 31.9830, 48.5756**, and the grayscale version is **38.0701, 40.0527, 43.6174**.

A 20% lighter version of the original color is **67.3459, 78.9279, 65.1112**, and **15.4196, 19.3744, 13.2829** is the 20% darker color. If you saturate the color by 10%, you get **31.6490, 40.7157, 25.8623**, and if you desaturate by 10%, it is **39.4027, 44.3910, 40.7682**.

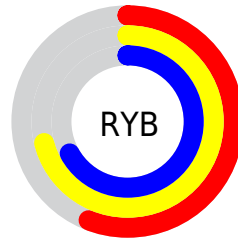
Distribution



Red (61%)

Green (71%)

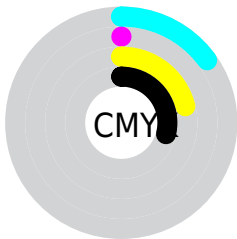
Blue (56%)



Red (56%)

Yellow (71%)

Blue (67%)

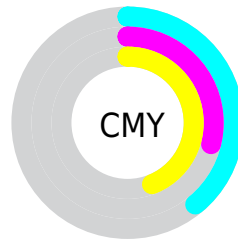


Cyan (15%)

Magenta (0%)

Yellow (21%)

Black (29%)



Cyan (39%)


Magenta (29%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2796, 42.4381, 32.7175 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 35.2796, 42.4381, 32.7175 by changing the saturation by 10% instead.


 35.2796, 42.4381,
32.7175


 35.2796, 42.4381,
32.7175


317.2872,
356.2958, 328.9677

 24.0459, 29.4445,
21.6408


 67.2499, 78.8622,
65.0451

 15.4926, 19.4173,
13.3974

 88.7171, 103.0616,
87.1331

 9.2544, 11.9722,
7.5688


114.3262,
131.7649, 113.7287

 4.9659, 6.7248,
3.7365

144.4425,
165.3567, 145.2502

 2.2618, 3.2906,
1.4819

179.4314,
204.2213, 182.1164

 0.7750, 1.2852,
0.2044

219.6583,

 0.0000, 0.1297,

248.7430, 224.7456

0.0000

265.4884,
299.3064, 273.5566

■ 0.0000, 0.0000,
0.0000

■ 35.2796, 42.4381,
32.7175

■ 35.2796, 42.4381,
32.7175

■ 31.6490, 40.7157,
25.8623

■ 39.4027, 44.3910,
40.7682

■ 28.4883, 39.2096,
20.1429

■ 44.0327, 46.5769,
50.0647

■ 25.7784, 37.9126,
15.4988

■ 49.1880, 49.0054,
60.6579

■ 23.4972, 36.8147,
11.8625

■ 54.8846, 51.6838,
72.5948

■ 21.6208, 35.9053,
9.1590

■ 61.1382, 54.6192,
85.9203

■ 20.1226, 35.1725,
7.3029

■ 67.9635, 57.8182,
100.6770

■ 18.9721, 34.6028,
6.1931

■ 72.6197, 60.1853,
102.3972

■ 18.1802, 34.2058,
5.6442

■ 76.0188, 61.9376,
102.5563

Harmonies

Analogous

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



38.4221, 42.4381, 28.5055



35.2796, 42.4381, 32.7175



33.5500, 42.4381, 40.9381

Triad

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



35.2796, 42.4381, 32.7175



38.4515, 42.4381, 70.0734



47.9716, 42.4381, 40.8580

Complementary

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



35.2796, 42.4381, 32.7175



35.2130, 31.9830, 48.5756

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.



47.9807, 42.4381, 51.9116



35.2796, 42.4381, 32.7175



42.3127, 42.4381, 70.0426

Square

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



35.2796, 42.4381, 32.7175



35.2999, 42.4381, 63.0527



45.8541, 42.4381, 62.9744



45.8299, 42.4381, 32.6670

Rectangle

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



35.2796, 42.4381, 32.7175



33.3555, 42.4381, 48.1403



45.8541, 42.4381, 62.9744



48.2284, 42.4381, 44.3279

Sweetspot

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



35.2807, 42.4399, 32.7184



75.3273, 82.3160, 81.6746



38.8147, 40.9355, 32.2418



16.5181, 18.1247, 17.8000



88.6918, 93.3107, 101.6153



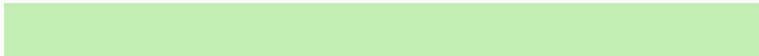
17.8044, 18.7317, 20.3988

Same Dimension

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



35.2807, 42.4399, 32.7184



60.8612, 75.4692, 53.4064



33.8656, 41.6410, 35.7878



9.1281, 10.1827, 9.5912



12.8963, 24.1846, 3.9884



0.5181, 0.8853, 0.1436

Inverse Universe

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



35.2130, 31.9830, 48.5756



60.7132, 53.1234, 87.2896



36.9453, 32.9643, 44.6666



9.1208, 9.0287, 11.3414



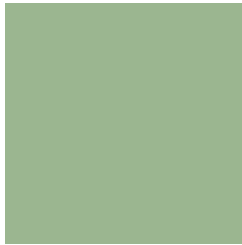
12.4590, 5.7340, 31.7032



0.4973, 0.2321, 1.1203

Previews

White Background



This preview shows how the XYZ color 35.2796, 42.4381, 32.7175 looks on a white background.

Color Contrast Check

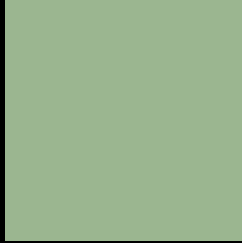
Large Text (above 18pt) WCAG AA × Fail

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 35.2796, 42.4381, 32.7175 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

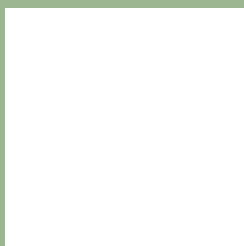
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2796, 42.4381, 32.7175

Background



This preview shows how black text looks on a background with the XYZ color 35.2796, 42.4381, 32.7175.



This preview shows how white text looks on a background with the XYZ color 35.2796, 42.4381,

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

35.2796, 42.4381, 32.7175

Protanopia

39.6368, 42.3559, 30.8974

Deuteranopia

42.9046, 42.0234, 33.4538



Tritanopia

39.7199, 42.4498, 54.8154

Trichromacy



Original Color

35.2796, 42.4381, 32.7175

Protanomaly

37.7634, 42.2516, 31.3643

Deuteranomaly

39.7080, 41.7707, 33.1638

Tritanomaly

37.7613, 42.2288, 45.6959

Monochromacy



Original Color

35.2796, 42.4381, 32.7175

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.0861, 40.8446, 39.6474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2796, 42.4381, 32.7175 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(155, 182, 144)` looks like.

```
.text, #text, p{  
    color:rgb(155, 182, 144)  
}
```

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(155, 182, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 182, 144) }
```

Border

The CSS property to change the border of an element to XYZ 35.2796, 42.4381, 32.7175 is called "border". The border property can be set on classes, ids or directly on the HTML element.

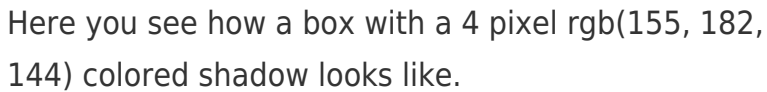
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 182, 144) }
```


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

```
.border{ border-color:rgb(155, 182, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 182, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 182, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 182, 144);  
box-shadow:4px 4px 4px 4px rgb(155, 182,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2796, 42.4381, 32.7175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 182, 144) }
```

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

```
.background{ background-color: rgb(155,  
182, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor