

Converting Colors

XYZ(33.1290, 43.6085, 21.6250)

Have a look what the booklet for
XYZ(33.1290, 43.6085, 21.6250)
contains.

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Color

**XYZ(33.2796, 43.8388,
21.7466)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 94BD6F |
| RGB | 148, 189, 111 |
| RGB Percent | 58%, 74%, 44% |
| CMY | 0.4196, 0.2588, 0.5647 |
| CMYK | 0.22, 0.00, 0.41, 0.26 |
| HSL | 92°, 37%, 59% |
| HSV | 92°, 41%, 74% |
| XYZ | 33.2796, 43.8388, 21.7466 |
| YIQ | 167.8490, 0.6020, -32.9500 |

Conversions

Conversions Part 2

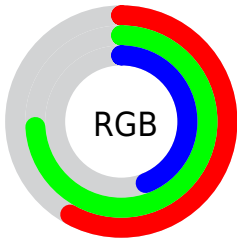
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 111, 189, 152 |
| Decimal | 9747823 |
| CIELab | 72.12, -27.42, 35.03 |
| CIELCh | 72, 44.481, 128.055 |
| Yxy | 43.8388, 0.3366, 0.4434 |
| Android (android.graphics.Color) | 4287937903 (0xFF94BD6F) |
| YUV | 167.8490, -28.0266, -17.4076 |
| Hunter-Lab | 66.2109, -26.1495, 26.8741 |

Details

The XYZ color **33.2796, 43.8388, 21.7466** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **27.8204, 21.7196, 50.8725**, and the grayscale version is **37.2793, 39.2207, 42.7114**.

A 20% lighter version of the original color is **63.9818, 80.6817, 47.3229**, and **14.2256, 20.0978, 7.5444** is the 20% darker color. If you saturate the color by 10%, you get **30.6267, 42.5803, 16.7532**, and if you desaturate by 10%, it is **36.3092, 45.2687, 27.9088**.

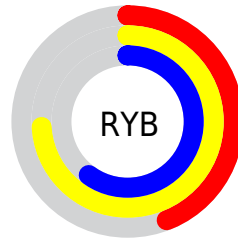
Distribution



Red (58%)

Green (74%)

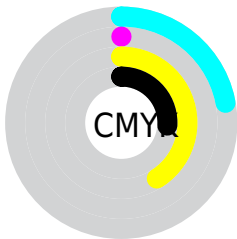
Blue (44%)



Red (44%)

Yellow (74%)

Blue (60%)

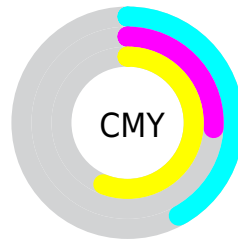


Cyan (22%)

Magenta (0%)

Yellow (41%)

Black (26%)



Cyan (42%)

Magenta (26%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2796, 43.8388, 21.7466 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 33.2796, 43.8388, 21.7466 by changing the saturation by 10% instead.

■ 33.2796, 43.8388,
21.7466

■ 33.2796, 43.8388,
21.7466

308.5505,
362.0501, 274.1303

■ 22.5010, 30.5438,
13.4743

■ 64.1636, 80.9751,
47.2236

■ 14.3441, 20.2517,
7.6214

■ 84.9996, 105.5852,
65.2654

■ 8.4437, 12.5781,
3.7694

■ 109.9189,
134.7358, 87.4008

■ 4.4343, 7.1387,
1.4997

■ 139.2867,
168.8113, 114.0483

■ 1.9507, 3.5490,
0.2177

173.4684,
208.1961, 145.6265

■ 0.6060, 1.4246,
0.0000

212.8294,

■ 0.0000, 0.2348,

253.2746, 182.5538

0.0000

257.7349,
304.4311, 225.2489

■ 0.0000, 0.0000,
0.0000

■ 33.2796, 43.8388,
21.7466

■ 33.2796, 43.8388,
21.7466

■ 30.6267, 42.5803,
16.7532

■ 36.3092, 45.2687,
27.9088

■ 28.3294, 41.4800,
12.8517

■ 39.7287, 46.8714,
35.3045

■ 26.3690, 40.5314,
9.9607


■ 43.5546, 48.6553,
43.9969


■ 24.7237, 39.7251,
7.9861


■ 47.8014, 50.6266,
54.0441


■ 23.3677, 39.0506,
6.8159


■ 52.4828, 52.7912,
65.5008

 22.3809, 38.5531,
6.2619

 57.6119, 55.1548,
78.4185

 63.2010, 57.7225,
92.8463

 68.0801, 60.0268,
102.6059

 71.3139, 61.6939,
102.7572

Harmonies

Analogous

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



39.6497, 43.8388, 17.0928



33.2796, 43.8388, 21.7466



29.5109, 43.8388, 33.7170

Triad

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



33.2796, 43.8388, 21.7466



36.4327, 43.8388, 98.1352



57.9073, 43.8388, 42.0961

Complementary

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



33.2796, 43.8388, 21.7466



27.8204, 21.7196, 50.8725

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.



56.7738, 43.8388, 65.1774



33.2796, 43.8388, 21.7466



43.7526, 43.8388, 102.4393

Square

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



33.2796, 43.8388, 21.7466



31.1709, 43.8388, 78.5202



51.3581, 43.8388, 88.9400



54.2898, 43.8388, 26.2734

Rectangle

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



33.2796, 43.8388, 21.7466



28.6827, 43.8388, 46.3242



51.3581, 43.8388, 88.9400



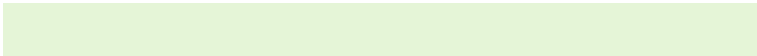
58.0769, 43.8388, 49.1700

Sweetspot

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



33.2807, 43.8407, 21.7475



77.3396, 86.8289, 77.2594



34.9722, 34.1980, 19.7972



16.4328, 18.5796, 16.1560



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



33.2807, 43.8407, 21.7475



55.0587, 76.3572, 30.3791



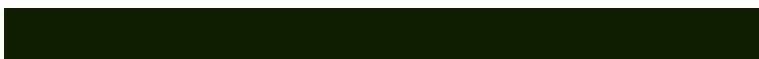
27.6958, 40.9533, 21.8626



9.8276, 10.8655, 10.1559



15.1448, 25.9833, 4.2171



0.6688, 1.0567, 0.1687

Inverse Universe

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



27.8204, 21.7196, 50.8725



43.8903, 31.1302, 89.9217



35.7172, 25.8068, 50.5087



9.4822, 9.4655, 11.9995



9.7571, 4.3160, 32.7117



0.4572, 0.2077, 1.2849

Previews

White Background



This preview shows how the XYZ color 33.2796, 43.8388, 21.7466 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 33.2796, 43.8388, 21.7466 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 33.2796, 43.8388, 21.7466

Background



This preview shows how black text looks on a background with the XYZ color 33.2796, 43.8388, 21.7466.



This preview shows how white text looks on a background with the XYZ color 33.2796, 43.8388,

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

33.2796, 43.8388, 21.7466

Protanopia

40.1192, 43.4287, 19.9037

Deuteranopia

44.4917, 43.6339, 22.6002



Tritanopia

40.3549, 43.6088, 57.3293

Trichromacy



Original Color

33.2796, 43.8388, 21.7466

Protanomaly

37.3621, 43.4776, 20.6102

Deuteranomaly

39.5489, 43.0844, 22.1513

Tritanomaly

37.3446, 43.6152, 41.5723

Monochromacy



Original Color

33.2796, 43.8388, 21.7466

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.4897, 40.7343, 33.5958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2796, 43.8388, 21.7466 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(148, 189, 111)` looks like.

```
.text, #text, p{  
    color:rgb(148, 189, 111)  
}
```

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(148, 189, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 189, 111) }
```

Border

The CSS property to change the border of an element to XYZ 33.2796, 43.8388, 21.7466 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(148, 189, 111) }
```


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

```
.border{ border-color:rgb(148, 189, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 189, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 189, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 189, 111);  
box-shadow:4px 4px 4px 4px rgb(148, 189,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2796, 43.8388, 21.7466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 189, 111) }
```

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

```
.background{ background-color: rgb(148,  
189, 111) }
```

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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