

Converting Colors

XYZ(32.6100, 40.7494, 13.4122)

Have a look what the booklet for
XYZ(32.6100, 40.7494, 13.4122)
contains.

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Color

**XYZ(32.5967, 40.8740,
13.3792)**

Conversions

Conversions Part 1

Format	Color
Hex	A2B44E
RGB	162, 180, 78
RGB Percent	64%, 71%, 31%
CMY	0.3647, 0.2941, 0.6941
CMYK	0.10, 0.00, 0.57, 0.29
HSL	71°, 40%, 51%
HSV	71°, 57%, 71%
XYZ	32.5967, 40.8740, 13.3792
YIQ	162.9900, 22.0140, -35.5380

Conversions

Conversions Part 2

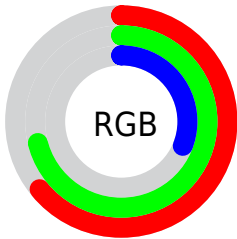
Format	Color
RYB	78, 180, 96
Decimal	10662990
CIELab	70.09, -21.08, 49.00
CIELCh	70, 53.340, 113.282
Yxy	40.8740, 0.3753, 0.4706
Android (android.graphics.Color)	4288853070 (0xFFA2B44E)
YUV	162.9900, -41.9001, -0.8682
Hunter-Lab	63.9328, -20.8725, 32.3453

Details

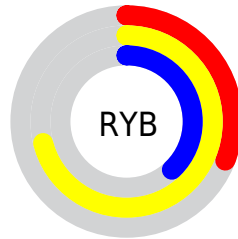
The XYZ color **32.5967, 40.8740, 13.3792** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.7880, 11.2319, 44.5184**, and the grayscale version is **34.9933, 36.8157, 40.0923**.

A 20% lighter version of the original color is **63.2381, 76.6627, 32.5835**, and **13.9492, 18.4371, 3.7432** is the 20% darker color. If you saturate the color by 10%, you get **31.4007, 40.3234, 10.4035**, and if you desaturate by 10%, it is **33.9876, 41.5073, 17.2876**.

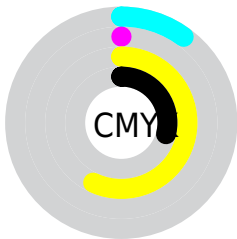
Distribution



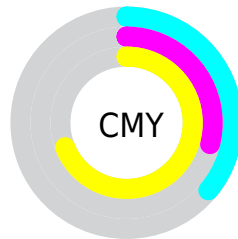
- Red (64%)
- Green (71%)
- Blue (31%)



- Red (31%)
- Yellow (71%)
- Blue (38%)



- Cyan (10%)
- Magenta (0%)
- Yellow (57%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5967, 40.8740, 13.3792 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 32.5967, 40.8740, 13.3792 by changing the saturation by 10% instead.

■ 32.5967, 40.8740,
13.3792

■ 32.5967, 40.8740,
13.3792

305.5257,
349.7937, 224.6263

■ 21.9754, 28.2206,
7.5564

■ 63.1043, 76.4926,
32.6845

■ 13.9553, 18.4921,
3.7288

■ 83.7213, 100.2266,
47.0041

■ 8.1711, 11.3038,
1.4778

■ 108.4009,
128.4230, 64.9929

■ 4.2574, 6.2716,
0.2013

■ 137.5085,
161.4661, 87.0697

■ 1.8487, 3.0109,
0.0000

■ 171.4094,
199.7403, 113.6529

■ 0.5468, 1.1374,
0.0000

210.4690,

■ 0.0000, 0.0097,

243.6301, 145.1610

0.0000

255.0527,
293.5197, 182.0127

■ 0.0000, 0.0000,
0.0000

■ 32.5967, 40.8740,
13.3792

■ 32.5967, 40.8740,
13.3792

■ 31.4007, 40.3234,
10.4035

■ 33.9876, 41.5073,
17.2876

■ 30.3818, 39.8441,
8.2801

■ 35.5837, 42.2232,
22.1952

■ 29.5236, 39.4310,
6.9191

■ 37.3980, 43.0282,
28.1656

■ 28.8025, 39.0744,
6.1964

■ 39.4416, 43.9269,
35.2562

■ 28.5767, 38.9618,
6.0142

■ 41.7247, 44.9233,
43.5204

■ 44.2568, 46.0213,
53.0081

■ 47.0471, 47.2245,
63.7663

■ 50.1041, 48.5364,
75.8397

■ 53.4359, 49.9602,
89.2707

Harmonies

Analogous

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



40.8425, 40.8740, 11.8371



32.5967, 40.8740, 13.3792



26.9081, 40.8740, 21.5404

Triad

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



32.5967, 40.8740, 13.3792



29.6692, 40.8740, 95.1085



57.9763, 40.8740, 50.3570

Complementary

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



32.5967, 40.8740, 13.3792



15.7880, 11.2319, 44.5184

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.



53.8857, 40.8740, 79.7963



32.5967, 40.8740, 13.3792



36.9224, 40.8740, 111.1860

Square

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



32.5967, 40.8740, 13.3792



25.4029, 40.8740, 66.2909



45.8548, 40.8740, 104.7282



56.3602, 40.8740, 28.1064

Rectangle

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



32.5967, 40.8740, 13.3792



24.9118, 40.8740, 32.0803



45.8548, 40.8740, 104.7282



57.2052, 40.8740, 59.7830

Sweetspot

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



32.5977, 40.8758, 13.3801



71.2679, 79.5374, 63.0588



24.2912, 18.4390, 9.4871



15.2400, 17.1191, 13.0532



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.5977, 40.8758, 13.3801



56.4425, 72.8818, 17.7623



24.3800, 36.6395, 12.9955



9.0470, 9.8293, 9.0729



19.9944, 27.2175, 4.1997



0.6677, 0.8762, 0.1339

Inverse Universe

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



15.7880, 11.2319, 44.5184



23.0787, 13.9143, 79.7639



22.8181, 14.8561, 44.8474



8.1772, 8.2999, 10.6774



6.2020, 2.5330, 30.2990



0.2373, 0.1014, 0.9553

Previews

White Background



This preview shows how the XYZ color 32.5967, 40.8740, 13.3792 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 32.5967, 40.8740, 13.3792 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 32.5967, 40.8740, 13.3792

Background



This preview shows how black text looks on a background with the XYZ color 32.5967, 40.8740, 13.3792.



This preview shows how white text looks on a background with the XYZ color 32.5967, 40.8740,

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

32.5967, 40.8740, 13.3792

Protanopia

37.0681, 40.5810, 12.5358

Deuteranopia

41.5225, 40.6678, 13.8448



Tritanopia

40.0870, 40.7520, 50.0091

Trichromacy



Original Color

32.5967, 40.8740, 13.3792

Protanomaly

35.2629, 40.4972, 12.7957

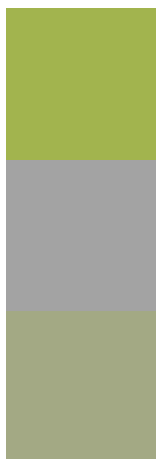
Deuteranomaly

37.6655, 40.3075, 13.5795

Tritanomaly

36.5552, 40.4468, 32.2659

Monochromacy



Original Color

32.5967, 40.8740, 13.3792

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.4571, 37.8284, 27.3680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5967, 40.8740, 13.3792 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(162, 180, 78)` looks like.

```
.text, #text, p{  
    color:rgb(162, 180, 78)  
}
```

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(162, 180, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 180, 78) }
```

Border

The CSS property to change the border of an element to XYZ 32.5967, 40.8740, 13.3792 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(162, 180, 78) }
```


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

```
.border{ border-color:rgb(162, 180, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 180, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 180, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 180, 78);  
box-shadow:4px 4px 4px 4px rgb(162, 180,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5967, 40.8740, 13.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 180, 78) }
```

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

```
.background{ background-color: rgb(162,  
180, 78) }
```

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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