

Converting Colors

XYZ(32.7400, 36.5875, 11.7921)

Have a look what the booklet for
XYZ(32.7400, 36.5875, 11.7921)
contains.

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Color

**XYZ(32.8226, 36.7518,
11.8424)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A54A
RGB	177, 165, 74
RGB Percent	69%, 65%, 29%
CMY	0.3059, 0.3529, 0.7098
CMYK	0.00, 0.07, 0.58, 0.31
HSL	53°, 41%, 49%
HSV	53°, 58%, 69%
XYZ	32.8226, 36.7518, 11.8424
YIQ	158.2140, 36.3630, -25.7570

Conversions

Conversions Part 2

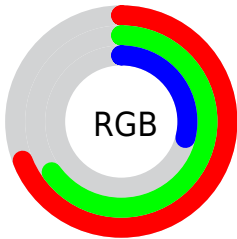
Format	Color
RYB	88, 177, 74
Decimal	11642186
CIELab	67.09, -7.36, 47.79
CIELCh	67, 48.355, 98.752
Yxy	36.7518, 0.4031, 0.4514
Android (android.graphics.Color)	4289832266 (0xFFB1A54A)
YUV	158.2140, -41.5175, 16.4753
Hunter-Lab	60.6233, -9.4474, 30.8543

Details

The XYZ color **32.8226, 36.7518, 11.8424** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **14.0875, 11.2853, 43.0305**, and the grayscale version is **32.7685, 34.4750, 37.5433**.

A 20% lighter version of the original color is **63.6200, 70.3549, 29.9654**, and **14.0665, 16.0020, 3.0568** is the 20% darker color. If you saturate the color by 10%, you get **31.9398, 35.8099, 9.0089**, and if you desaturate by 10%, it is **33.8810, 37.7762, 15.5630**.

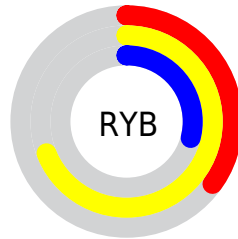
Distribution



Red (69%)

Green (65%)

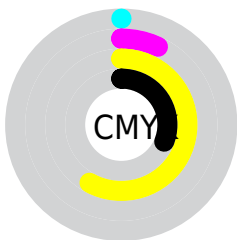
Blue (29%)



Red (35%)

Yellow (69%)

Blue (29%)

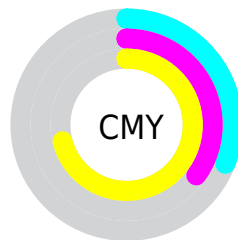


Cyan (0%)

Magenta (7%)

Yellow (58%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8226, 36.7518, 11.8424 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 32.8226, 36.7518, 11.8424 by changing the saturation by 10% instead.

■ 32.8226, 36.7518,
11.8424

■ 32.8226, 36.7518,
11.8424

306.5287,
332.2347, 214.2999

■ 22.1492, 25.0154,
6.5152

■ 63.4550, 70.1909,
29.8678

■ 14.0838, 16.0885,
3.0870

■ 84.1447, 92.6623,
43.4032

■ 8.2610, 9.5868,
1.1392

■ 108.9038,
119.4809, 60.5116

■ 4.3156, 5.1259,
0.0000

■ 138.0977,
151.0311, 81.6118

■ 1.8822, 2.3213,
0.0000

■ 172.0919,
187.6971, 107.1221

■ 0.5665, 0.7850,
0.0000

211.2515,

■ 0.0000, 0.0000,

229.8635, 137.4612

0.0000

255.9420,
277.9145, 173.0476

■ 32.8226, 36.7518,
11.8424

■ 32.8226, 36.7518,
11.8424

■ 31.9398, 35.8099,
9.0089

■ 33.8810, 37.7762,
15.5630

■ 31.2153, 34.9395,
6.9839

■ 35.1251, 38.8832,
20.2357

■ 30.6332, 34.1356,
5.6790

■ 36.5674, 40.0792,
25.9224

■ 30.1653, 33.3868,
4.9464

■ 38.2185, 41.3684,
32.6787

■ 30.0848, 33.2540,
4.8330

■ 40.0883, 42.7548,
40.5565

■ 42.1860, 44.2422,
49.6042

■ 44.5203, 45.8341,
59.8673

■ 47.0993, 47.5338,
71.3888

■ 49.9310, 49.3444,
84.2099

Harmonies

Analogous

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



40.3140, 36.7518, 12.8854



32.8226, 36.7518, 11.8424



26.8025, 36.7518, 16.0043

Triad

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



32.8226, 36.7518, 11.8424



25.0185, 36.7518, 71.1165



49.8472, 36.7518, 56.5709

Complementary

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



32.8226, 36.7518, 11.8424



14.0875, 11.2853, 43.0305

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.



44.5573, 36.7518, 80.6649



32.8226, 36.7518, 11.8424



30.0507, 36.7518, 90.9089

Square

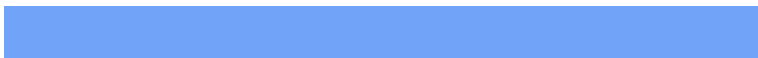
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.8226, 36.7518, 11.8424



22.7306, 36.7518, 46.5040



37.1288, 36.7518, 94.9112



50.8644, 36.7518, 34.1622

Rectangle

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



32.8226, 36.7518, 11.8424



24.1779, 36.7518, 22.4623



37.1288, 36.7518, 94.9112



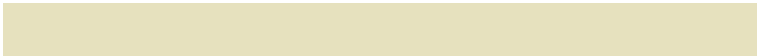
48.4775, 36.7518, 64.9315

Sweetspot

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



32.8235, 36.7535, 11.8431



68.7337, 74.3062, 59.7135



22.2608, 14.9171, 10.5141



14.7631, 16.0025, 12.3901



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.8235, 36.7535, 11.8431



56.7849, 63.6531, 14.8992



27.3597, 37.3007, 12.2367



9.1109, 9.7343, 9.0512



21.8263, 24.1512, 3.5113



0.7105, 0.8074, 0.1184

Inverse Universe

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



14.0875, 11.2853, 43.0305



20.1100, 13.8520, 76.1091



17.2573, 11.6151, 42.9271



8.1190, 8.3843, 10.6967



5.9631, 2.7266, 30.3490



0.2131, 0.1368, 0.9634

Previews

White Background



This preview shows how the XYZ color 32.8226, 36.7518, 11.8424 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 32.8226, 36.7518, 11.8424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

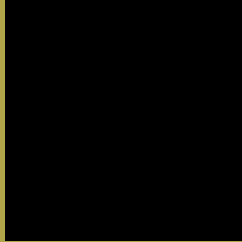
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8226, 36.7518, 11.8424

Background



This preview shows how black text looks on a background with the XYZ color 32.8226, 36.7518, 11.8424.



This preview shows how white text looks on a background with the XYZ color 32.8226, 36.7518,

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

32.8226, 36.7518, 11.8424

Protanopia

33.5675, 36.8691, 11.8258

Deuteranopia

37.4180, 36.5351, 12.1010



Tritanopia

38.9461, 36.6718, 41.5849

Trichromacy



Original Color

32.8226, 36.7518, 11.8424

Protanomaly

33.3339, 36.7486, 11.8149

Deuteranomaly

35.6950, 36.6555, 12.0314

Tritanomaly

36.1602, 36.5570, 27.3407

Monochromacy



Original Color

32.8226, 36.7518, 11.8424

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.0927, 35.0214, 25.1470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8226, 36.7518, 11.8424 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(177, 165, 74)` looks like.

```
.text, #text, p{  
    color:rgb(177, 165, 74)  
}
```

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(177, 165, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 165, 74) }
```

Border

The CSS property to change the border of an element to XYZ 32.8226, 36.7518, 11.8424 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(177, 165, 74) }
```


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

```
.border{ border-color:rgb(177, 165, 74) }
```

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

Here you see how a box with a 4 pixel rgb(177, 165, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 165, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 165, 74);  
box-shadow:4px 4px 4px 4px rgb(177, 165,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8226, 36.7518, 11.8424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 165, 74) }
```

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

```
.background{ background-color: rgb(177,  
165, 74) }
```

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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