

Converting Colors

XYZ(35.1811, 37.6071, 14.7346)

Have a look what the booklet for
XYZ(35.1811, 37.6071, 14.7346)
contains.

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Color

**XYZ(35.2866, 37.6946,
14.6485)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA458
RGB	186, 164, 88
RGB Percent	73%, 64%, 35%
CMY	0.2706, 0.3568, 0.6549
CMYK	0.00, 0.12, 0.53, 0.27
HSL	47°, 42%, 54%
HSV	47°, 53%, 73%
XYZ	35.2866, 37.6946, 14.6485
YIQ	161.9140, 37.5080, -18.9720

Conversions

Conversions Part 2

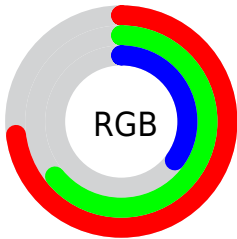
Format	Color
RYB	116, 186, 88
Decimal	12231768
CIELab	67.79, -1.83, 41.99
CIELCh	68, 42.033, 92.491
Yxy	37.6946, 0.4027, 0.4302
Android (android.graphics.Color)	4290421848 (0xFFBAA458)
YUV	161.9140, -36.4396, 21.1234
Hunter-Lab	61.3959, -4.8521, 28.8311

Details

The XYZ color **35.2866, 37.6946, 14.6485** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **18.4632, 16.7711, 48.7182**, and the grayscale version is **34.4561, 36.2505, 39.4768**.

A 20% lighter version of the original color is **67.3734, 71.7896, 35.1168**, and **15.6314, 16.7820, 4.3348** is the 20% darker color. If you saturate the color by 10%, you get **33.8777, 35.9566, 10.8507**, and if you desaturate by 10%, it is **36.9184, 39.5639, 19.4912**.

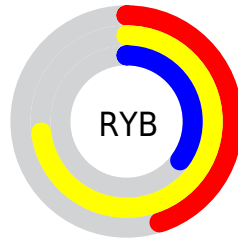
Distribution



Red (73%)

Green (64%)

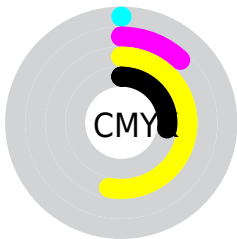
Blue (35%)



Red (45%)

Yellow (73%)

Blue (35%)

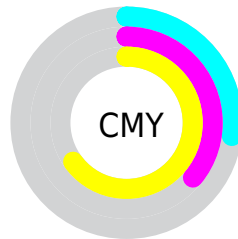


Cyan (0%)

Magenta (12%)

Yellow (53%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2866, 37.6946, 14.6485 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 35.2866, 37.6946, 14.6485 by changing the saturation by 10% instead.


 35.2866, 37.6946,
14.6485


 35.2866, 37.6946,
14.6485


317.3175,
336.3081, 232.7957


 24.0513, 25.7457,
8.4292


 67.2606, 71.6398,
34.9689

 15.4966, 16.6335,
4.2791


 88.7300, 94.4049,
49.9071


 9.2572, 9.9736,
1.7797


 114.3415,
121.5443, 68.5886

 4.9678, 5.3814,
0.4145

 144.4604,
153.4422, 91.4320

 2.2629, 2.4728,
0.0000

 179.4521,
190.4832, 118.8559

 0.7756, 0.8629,
0.0000

219.6820,

 0.0000, 0.0000,

233.0516, 151.2788

0.0000

265.5153,
281.5317, 189.1192

■ 35.2866, 37.6946,
14.6485

■ 35.2866, 37.6946,
14.6485

■ 33.8777, 35.9566,
10.8507

■ 36.9184, 39.5639,
19.4912

■ 32.6736, 34.3379,
8.0149

■ 38.7842, 41.5649,
25.4485

■ 31.6573, 32.8329,
6.0498

■ 40.8978, 43.7051,
32.5867

■ 30.8077, 31.4326,
4.8448

■ 43.2706, 45.9893,
40.9663

■ 30.2613, 30.4625,
4.2849

■ 45.9137, 48.4222,
50.6436

■ 48.8374, 51.0084,
61.6716

■ 52.0512, 53.7520,
74.1001

■ 55.5643, 56.6571,
87.9764

■ 59.3209, 59.7016,
103.0048

Harmonies

Analogous

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



41.9211, 37.6946, 16.7637



35.2866, 37.6946, 14.6485



29.5197, 37.6946, 17.6356

Triad

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



35.2866, 37.6946, 14.6485



26.2788, 37.6946, 63.4504



48.1064, 37.6946, 59.9121

Complementary

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



35.2866, 37.6946, 14.6485



18.4632, 16.7711, 48.7182

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.



42.9756, 37.6946, 79.2804



35.2866, 37.6946, 14.6485



30.3552, 37.6946, 81.7202

Square

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



35.2866, 37.6946, 14.6485



24.7276, 37.6946, 42.6200



36.3741, 37.6946, 88.2429



49.8334, 37.6946, 39.5054

Rectangle

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



35.2866, 37.6946, 14.6485



26.7930, 37.6946, 22.8668



36.3741, 37.6946, 88.2429



46.6942, 37.6946, 66.9472

Sweetspot

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



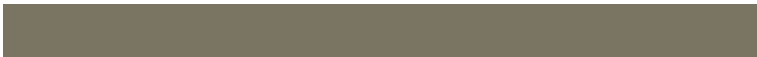
35.2875, 37.6964, 14.6493



76.8369, 81.8468, 68.5548



26.6015, 18.5637, 17.1820



16.7242, 17.8351, 14.4016



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.



35.2875, 37.6964, 14.6493



61.0887, 64.7634, 18.8719



33.7910, 43.2822, 15.8063



9.5746, 10.1522, 9.5618



20.4169, 20.6101, 2.9021



0.7625, 0.8121, 0.1166

Inverse Universe

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



18.4632, 16.7711, 48.7182



27.4388, 22.9679, 87.1885



19.3098, 14.1114, 48.1602



8.6803, 9.0378, 11.3664



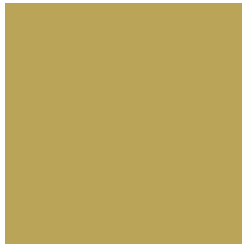
6.5611, 3.5820, 31.5987



0.2785, 0.2207, 1.1297

Previews

White Background



This preview shows how the XYZ color 35.2866, 37.6946, 14.6485 looks on a white background.

Color Contrast Check

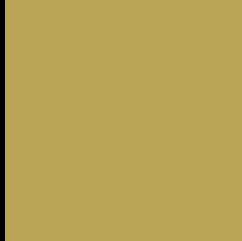
Large Text (above 18pt) WCAG AA × Fail

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 35.2866, 37.6946, 14.6485 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 35.2866, 37.6946, 14.6485

Background



This preview shows how black text looks on a background with the XYZ color 35.2866, 37.6946, 14.6485.



This preview shows how white text looks on a background with the XYZ color 35.2866, 37.6946,

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

35.2866, 37.6946, 14.6485

Protanopia

34.5080, 37.5599, 14.6635

Deuteranopia

38.4294, 37.7485, 14.9336



Tritanopia

40.6887, 37.5702, 41.6665

Trichromacy



Original Color

35.2866, 37.6946, 14.6485

Protanomaly

34.7450, 37.6821, 14.6746

Deuteranomaly

37.1389, 37.5986, 14.7510

Tritanomaly

38.0495, 37.2358, 29.2266

Monochromacy



Original Color

35.2866, 37.6946, 14.6485

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.2650, 36.6016, 28.1805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2866, 37.6946, 14.6485 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(186, 164, 88)` looks like.

```
.text, #text, p{  
    color:rgb(186, 164, 88)  
}
```

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(186, 164, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 164, 88) }
```

Border

The CSS property to change the border of an element to XYZ 35.2866, 37.6946, 14.6485 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(186, 164, 88) }
```


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

```
.border{ border-color:rgb(186, 164, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 164, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 164, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 164, 88);  
box-shadow:4px 4px 4px 4px rgb(186, 164,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2866, 37.6946, 14.6485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 164, 88) }
```

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

```
.background{ background-color: rgb(186,  
164, 88) }
```

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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