

Converting Colors

XYZ(34.2476, 36.4866, 9.2406)

Have a look what the booklet for
XYZ(34.2476, 36.4866, 9.2406)
contains.

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Color

**XYZ(34.2476, 36.4866,
9.2406)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA13A
RGB	188, 161, 58
RGB Percent	74%, 63%, 23%
CMY	0.2627, 0.3686, 0.7725
CMYK	0.00, 0.14, 0.69, 0.26
HSL	48°, 53%, 48%
HSV	48°, 69%, 74%
XYZ	34.2476, 36.4866, 9.2406
YIQ	157.3310, 49.1550, -26.3090

Conversions

Conversions Part 2

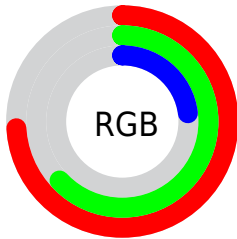
Format	Color
R _Y B	92, 188, 58
Decimal	12362042
CIE Lab	66.89, -1.49, 55.02
CIE LCh	67, 55.043, 91.550
Yxy	36.4866, 0.4282, 0.4562
Android (android.graphics.Color)	4290552122 (0xFFBCA13A)
YUV	157.3310, -48.9702, 26.8967
Hunter-Lab	60.4041, -4.5023, 33.2127

Details

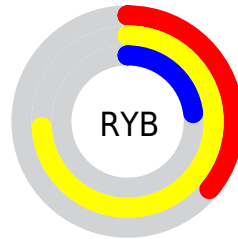
The XYZ color **34.2476, 36.4866, 9.2406** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **14.0705, 11.0271, 48.9634**, and the grayscale version is **32.3962, 34.0834, 37.1168**.

A 20% lighter version of the original color is **65.7829, 70.0336, 25.0896**, and **14.9360, 15.9772, 2.2967** is the 20% darker color. If you saturate the color by 10%, you get **33.1826, 34.9874, 6.9415**, and if you desaturate by 10%, it is **35.5102, 38.1018, 12.4676**.

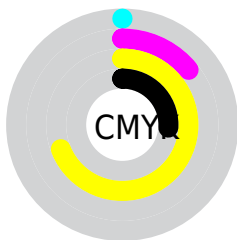
Distribution



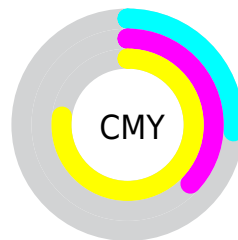
- Red (74%)
- Green (63%)
- Blue (23%)



- Red (36%)
- Yellow (74%)
- Blue (23%)



- Cyan (0%)
- Magenta (14%)
- Yellow (69%)
- Black (26%)



- Cyan (26%)
- Magenta (37%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2476, 36.4866, 9.2406 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 34.2476, 36.4866, 9.2406 by changing the saturation by 10% instead.

■ 34.2476, 36.4866,
9.2406

■ 34.2476, 36.4866,
9.2406

312.8012,
331.0824, 195.4464

■ 23.2477, 24.8102,
4.7995

■ 65.6603, 69.7825,
24.9421

■ 14.8982, 15.9357,
2.0734

■ 86.8037, 92.1708,
37.0395

■ 8.8338, 9.4787,
0.5999

■ 112.0590,
118.8985, 52.5262

■ 4.6892, 5.0547,
0.0000

■ 141.7916,
150.3500, 71.8206

■ 2.0989, 2.2794,
0.0000

■ 176.3667,
186.9098, 95.3413

■ 0.6886, 0.7628,
0.0000

■ 216.1498,

■ 0.0000, 0.0000,

228.9622, 123.5068

0.0000

261.5062,
276.8916, 156.7357

■ 34.2476, 36.4866,
9.2406

■ 34.2476, 36.4866,
9.2406

■ 33.1826, 34.9874,
6.9415

■ 35.5102, 38.1018,
12.4676

■ 32.2923, 33.5904,
5.4624

■ 36.9851, 39.8349,
16.7104

■ 31.5416, 32.2827,
4.6148

■ 38.6885, 41.6940,
22.0489

■ 31.4801, 32.1737,
4.5510

■ 40.6339, 43.6850,
28.5544

■ 42.8340, 45.8131,
36.2923

■ 45.3004, 48.0833,
45.3232

■ 48.0441, 50.5002,
55.7033

■ 51.0752, 53.0683,
67.4860

■ 54.4035, 55.7916,
80.7214

Harmonies

Analogous

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



42.8891, 36.4866, 11.4924



34.2476, 36.4866, 9.2406



26.9507, 36.4866, 12.0442

Triad

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



34.2476, 36.4866, 9.2406



22.7353, 36.4866, 68.9121



50.7670, 36.4866, 65.8532

Complementary

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



34.2476, 36.4866, 9.2406



14.0705, 11.0271, 48.9634

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.



43.7603, 36.4866, 93.0896



34.2476, 36.4866, 9.2406



27.5905, 36.4866, 95.2977

Square

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



34.2476, 36.4866, 9.2406



20.9980, 36.4866, 40.9826



35.1149, 36.4866, 105.5483



53.2958, 36.4866, 38.4987

Rectangle

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



34.2476, 36.4866, 9.2406



23.5805, 36.4866, 17.4742



35.1149, 36.4866, 105.5483



48.8073, 36.4866, 75.6536

Sweetspot

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



34.2484, 36.4883, 9.2413



76.7143, 82.1611, 62.4971



23.9386, 14.3924, 10.3562



16.2565, 17.4374, 12.5884



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.



34.2484, 36.4883, 9.2413



59.2610, 62.0680, 11.0116



31.5404, 42.8670, 10.6153



10.1495, 10.7749, 10.1215



21.4881, 22.0149, 3.1168



0.8848, 0.9486, 0.1365

Inverse Universe

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



14.0705, 11.0271, 48.9634



20.5456, 13.3754, 87.7250



15.2925, 9.0814, 48.5234



9.1727, 9.5378, 12.0297



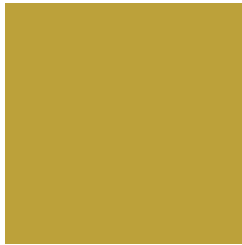
6.7193, 3.5504, 32.7240



0.3111, 0.2348, 1.2978

Previews

White Background



This preview shows how the XYZ color 34.2476, 36.4866, 9.2406 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 34.2476, 36.4866, 9.2406 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 34.2476, 36.4866, 9.2406

Background



This preview shows how black text looks on a background with the XYZ color 34.2476, 36.4866, 9.2406.

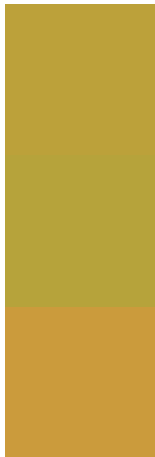


This preview shows how white text looks on a background with the XYZ color 34.2476, 36.4866,

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

34.2476, 36.4866, 9.2406

Protanopia

33.1780, 36.4552, 9.4256

Deuteranopia

37.1656, 36.4654, 9.3547



Tritanopia

40.3531, 36.4776, 39.0965

Trichromacy



Original Color

34.2476, 36.4866, 9.2406

Protanomaly

33.4769, 36.3468, 9.3889

Deuteranomaly

36.1351, 36.4355, 9.2659

Tritanomaly

37.3518, 36.2354, 24.0943

Monochromacy



Original Color

34.2476, 36.4866, 9.2406

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.8265, 34.1590, 23.0051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2476, 36.4866, 9.2406 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(188, 161, 58)` looks like.

```
.text, #text, p{  
    color:rgb(188, 161, 58)  
}
```

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(188, 161, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 161, 58) }
```

Border

The CSS property to change the border of an element to XYZ 34.2476, 36.4866, 9.2406 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(188, 161, 58) }
```


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

```
.border{ border-color:rgb(188, 161, 58) }
```

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

Here you see how a box with a 4 pixel rgb(188, 161, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 161, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 161, 58);  
box-shadow:4px 4px 4px 4px rgb(188, 161,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2476, 36.4866, 9.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 161, 58) }
```

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

```
.background{ background-color: rgb(188,  
161, 58) }
```

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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