

Converting Colors

XYZ(35.0223, 37.4671, 9.2434)

Have a look what the booklet for
XYZ(35.0223, 37.4671, 9.2434)
contains.

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Color

**XYZ(35.0709, 37.4369,
9.2485)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA339
RGB	190, 163, 57
RGB Percent	75%, 64%, 22%
CMY	0.2549, 0.3608, 0.7765
CMYK	0.00, 0.14, 0.70, 0.25
HSL	48°, 54%, 48%
HSV	48°, 70%, 75%
XYZ	35.0709, 37.4369, 9.2485
YIQ	158.9890, 50.1180, -27.2420

Conversions

Conversions Part 2

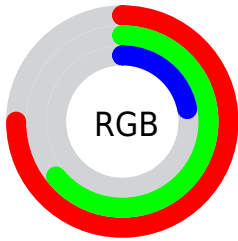
Format	Color
R_{YB}	91, 190, 57
Decimal	12493625
CIE _{Lab}	67.60, -1.74, 56.23
CIE _{LCh}	68, 56.255, 91.768
Yxy	37.4369, 0.4290, 0.4579
Android (android.graphics.Color)	4290683705 (0xFFBEA339)
YUV	158.9890, -50.2806, 27.1966
Hunter-Lab	61.1857, -4.7609, 33.8680

Details

The XYZ color **35.0709, 37.4369, 9.2485** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **14.1519, 10.9280, 50.0783**, and the grayscale version is **33.1572, 34.8839, 37.9886**.

A 20% lighter version of the original color is **66.9528, 71.4083, 25.0062**, and **15.4670, 16.5749, 2.3841** is the 20% darker color. If you saturate the color by 10%, you get **34.0087, 35.9345, 6.9776**, and if you desaturate by 10%, it is **36.3331, 39.0556, 12.4616**.

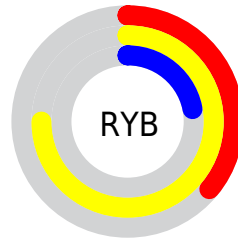
Distribution



Red (75%)

Green (64%)

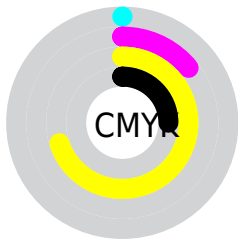
Blue (22%)



Red (36%)

Yellow (75%)

Blue (22%)

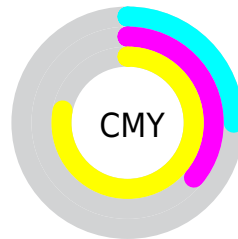


Cyan (0%)

Magenta (14%)

Yellow (70%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0709, 37.4369, 9.2485 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 35.0709, 37.4369, 9.2485 by changing the saturation by 10% instead.


 35.0709, 37.4369,
9.2485


 35.0709, 37.4369,
9.2485


316.3837,
335.1982, 195.5068


 23.8843, 25.5459,
4.8046


 66.9289, 71.2442,
24.9574

 15.3721, 16.4843,
2.0763


 88.3310, 93.9294,
37.0595


 9.1689, 9.8675,
0.6016

 113.8689,
120.9814, 52.5514

 4.9095, 5.3112,
0.0000

 143.9080,
152.7847, 71.8516

 2.2285, 2.4310,
0.0000

 178.8137,
189.7236, 95.3787

 0.7577, 0.8418,
0.0000

 218.9513,

 0.0000, 0.0000,

232.1826, 123.5513

0.0000

264.6862,
280.5460, 156.7878

■ 35.0709, 37.4369,
9.2485

■ 35.0709, 37.4369,
9.2485

■ 34.0087, 35.9345,
6.9776

■ 36.3331, 39.0556,
12.4616

■ 33.1227, 34.5342,
5.5363

■ 37.8105, 40.7927,
16.7082

■ 32.3720, 33.2208,
4.7062

■ 39.5198, 42.6566,
22.0712

■ 32.3718, 33.2206,
4.7060

■ 41.4752, 44.6531,
28.6244

■ 43.6897, 46.7879,
36.4354

■ 46.1753, 49.0659,
45.5666

■ 48.9432, 51.4919,
56.0763

■ 52.0040, 54.0705,
68.0193

■ 55.3676, 56.8058,
81.4473

Harmonies

Analogous

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



44.0619, 37.4369, 11.5155



35.0709, 37.4369, 9.2485



27.5105, 37.4369, 12.1612

Triad

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



35.0709, 37.4369, 9.2485



23.2122, 37.4369, 71.4053



52.3764, 37.4369, 67.7624

Complementary

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



35.0709, 37.4369, 9.2485



14.1519, 10.9280, 50.0783

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.



45.0969, 37.4369, 96.2892



35.0709, 37.4369, 9.2485



28.2676, 37.4369, 98.9250

Square

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



35.0709, 37.4369, 9.2485



21.3902, 37.4369, 42.2529



36.0994, 37.4369, 109.4920



54.9730, 37.4369, 39.3074

Rectangle

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



35.0709, 37.4369, 9.2485



24.0322, 37.4369, 17.7869



36.0994, 37.4369, 109.4920



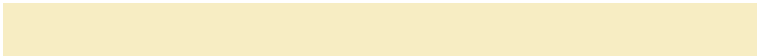
50.3434, 37.4369, 78.0039

Sweetspot

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



35.0718, 37.4387, 9.2492



78.6060, 84.2530, 63.9905



24.3708, 14.5426, 10.2885



17.0081, 18.2601, 13.1503



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.0718, 37.4387, 9.2492



60.7310, 63.7359, 11.0713



32.1603, 43.8282, 10.6360



10.1533, 10.7826, 10.1228



21.5824, 22.2036, 3.1482



0.8878, 0.9546, 0.1375

Inverse Universe

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



14.1519, 10.9280, 50.0783



20.6996, 13.1764, 89.7314



15.4442, 9.0604, 49.6497



9.1692, 9.5307, 12.0285



6.6991, 3.5099, 32.7173



0.3095, 0.2317, 1.2973

Previews

White Background



This preview shows how the XYZ color 35.0709, 37.4369, 9.2485 looks on a white background.

Color Contrast Check

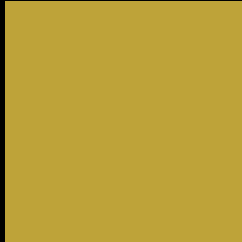
Large Text (above 18pt) WCAG AA × Fail

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 35.0709, 37.4369, 9.2485 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 35.0709, 37.4369, 9.2485

Background



This preview shows how black text looks on a background with the XYZ color 35.0709, 37.4369, 9.2485.



This preview shows how white text looks on a background with the XYZ color 35.0709, 37.4369,

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

35.0709, 37.4369, 9.2485

Protanopia

33.9860, 37.4061, 9.4318

Deuteranopia

38.3000, 37.5515, 9.3672



Tritanopia

41.3808, 37.4686, 40.1731

Trichromacy



Original Color

35.0709, 37.4369, 9.2485

Protanomaly

34.2889, 37.2955, 9.3945

Deuteranomaly

36.9813, 37.3811, 9.2691

Tritanomaly

38.2643, 37.1967, 24.5650

Monochromacy



Original Color

35.0709, 37.4369, 9.2485

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.6612, 35.0928, 23.4645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0709, 37.4369, 9.2485 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(190, 163, 57)` looks like.

```
.text, #text, p{  
    color:rgb(190, 163, 57)  
}
```

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(190, 163, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 163, 57) }
```

Border

The CSS property to change the border of an element to XYZ 35.0709, 37.4369, 9.2485 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(190, 163, 57) }
```


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

```
.border{ border-color:rgb(190, 163, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 163, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 163, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 163, 57);  
box-shadow:4px 4px 4px 4px rgb(190, 163,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0709, 37.4369, 9.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 163, 57) }
```

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

```
.background{ background-color: rgb(190,  
163, 57) }
```

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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