

Converting Colors

XYZ(36.4007, 39.7641, 9.1920)

Have a look what the booklet for
XYZ(36.4007, 39.7641, 9.1920)
contains.

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Color

**XYZ(36.3397, 39.7186,
9.2412)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA936
RGB	191, 169, 54
RGB Percent	75%, 66%, 21%
CMY	0.2510, 0.3372, 0.7882
CMYK	0.00, 0.12, 0.72, 0.25
HSL	50°, 56%, 48%
HSV	50°, 72%, 75%
XYZ	36.3397, 39.7186, 9.2412
YIQ	162.4680, 50.0270, -31.1010

Conversions

Conversions Part 2

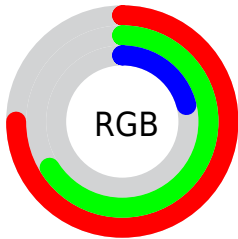
Format	Color
RYB	80, 191, 54
Decimal	12560694
CIELab	69.27, -4.64, 59.12
CIELCh	69, 59.304, 94.487
Yxy	39.7186, 0.4260, 0.4656
Android (android.graphics.Color)	4290750774 (0xFFBFA936)
YUV	162.4680, -53.4747, 25.0226
Hunter-Lab	63.0227, -7.3643, 35.4220

Details

The XYZ color **36.3397, 39.7186, 9.2412** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.5098, 9.7147, 50.4531**, and the grayscale version is **34.7903, 36.6021, 39.8597**.

A 20% lighter version of the original color is **68.7868, 74.7180, 24.9839**, and **16.1928, 17.7909, 2.5805** is the 20% darker color. If you saturate the color by 10%, you get **35.4128, 38.4472, 7.1372**, and if you desaturate by 10%, it is **37.4580, 41.0910, 12.2785**.

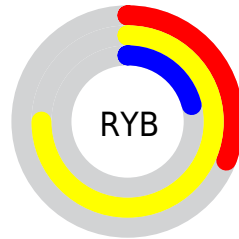
Distribution



Red (75%)

Green (66%)

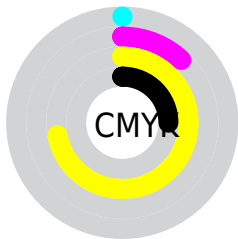
Blue (21%)



Red (31%)

Yellow (75%)

Blue (21%)

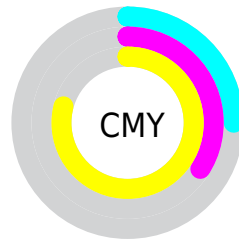


Cyan (0%)

Magenta (12%)

Yellow (72%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3397, 39.7186, 9.2412 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 36.3397, 39.7186, 9.2412 by changing the saturation by 10% instead.


 36.3397, 39.7186,
9.2412


 36.3397, 39.7186,
9.2412


321.8483,
344.9361, 195.4510


 24.8680, 27.3192,
4.7999


 68.8765, 74.7348,
24.9432

 16.1069, 17.8131,
2.0737


 90.6723, 98.1204,
37.0411


 9.6912, 10.8159,
0.6000


 116.6402,
125.9369, 52.5281

 5.2554, 5.9432,
0.0000

 147.1455,
158.5687, 71.8230

 2.4342, 2.8106,
0.0000

 182.5536,
196.4000, 95.3441

 0.8622, 1.0336,
0.0000

 223.2299,

 0.0000, 0.0000,

239.8155, 123.5102

0.0000

269.5397,
289.1994, 156.7396

■ 36.3397, 39.7186,
9.2412

■ 36.3397, 39.7186,
9.2412

■ 35.4128, 38.4472,
7.1372

■ 37.4580, 41.0910,
12.2785

■ 34.6523, 37.2621,
5.8485

■ 38.7833, 42.5663,
16.3441

■ 34.1147, 36.3341,
5.2152

■ 40.3329, 44.1530,
21.5234

■ 42.1212, 45.8570,
27.8928

■ 44.1616, 47.6837,
35.5215

■ 46.4662, 49.6383,
44.4736

■ 49.0465, 51.7255,
54.8087

■ 51.9132, 53.9495,
66.5830

■ 55.0764, 56.3147,
79.8493

Harmonies

Analogous

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



46.1820, 39.7186, 11.1229



36.3397, 39.7186, 9.2412



28.3208, 39.7186, 12.8623

Triad

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



36.3397, 39.7186, 9.2412



24.6033, 39.7186, 80.1639



56.7616, 39.7186, 69.9321

Complementary

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



36.3397, 39.7186, 9.2412



13.5098, 9.7147, 50.4531

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.



49.0726, 39.7186, 102.3175



36.3397, 39.7186, 9.2412



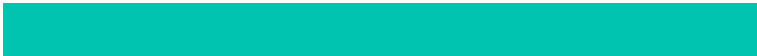
30.4147, 39.7186, 109.7606

Square

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



36.3397, 39.7186, 9.2412



22.3067, 39.7186, 47.4717



39.1991, 39.7186, 119.2171



59.0571, 39.7186, 39.2804

Rectangle

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



36.3397, 39.7186, 9.2412



24.7447, 39.7186, 19.4129



39.1991, 39.7186, 119.2171



54.6653, 39.7186, 81.3281

Sweetspot

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



36.3406, 39.7205, 9.2420



78.8529, 85.1920, 62.7006



24.1389, 14.2485, 8.4690



17.0868, 18.5061, 12.9031



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.



36.3406, 39.7205, 9.2420



62.6232, 67.6450, 11.3176



31.0328, 43.5780, 10.2663



10.1883, 10.8526, 10.1344



22.4691, 23.9769, 3.4438



0.9156, 1.0101, 0.1467

Inverse Universe

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



13.5098, 9.7147, 50.4531



19.6379, 11.3173, 89.4286



15.9423, 9.0908, 50.2045



9.1369, 9.4662, 12.0178



6.5360, 3.1838, 32.6630



0.2954, 0.2035, 1.2926

Previews

White Background



This preview shows how the XYZ color 36.3397, 39.7186, 9.2412 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 36.3397, 39.7186, 9.2412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

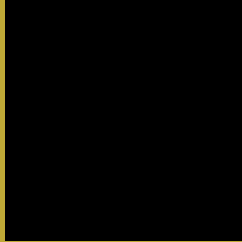
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3397, 39.7186, 9.2412

Background



This preview shows how black text looks on a background with the XYZ color 36.3397, 39.7186, 9.2412.



This preview shows how white text looks on a background with the XYZ color 36.3397, 39.7186,

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

36.3397, 39.7186, 9.2412

Protanopia

36.0268, 39.8346, 9.2801

Deuteranopia

40.6348, 39.7822, 9.4079



Tritanopia

43.3020, 39.6354, 43.3983

Trichromacy



Original Color

36.3397, 39.7186, 9.2412

Protanomaly

36.2758, 39.9629, 9.2917

Deuteranomaly

38.8911, 39.6738, 9.3494

Tritanomaly

39.8426, 39.2695, 25.9019

Monochromacy



Original Color

36.3397, 39.7186, 9.2412

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.2639, 37.2246, 24.1181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3397, 39.7186, 9.2412 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(191, 169, 54)` looks like.

```
.text, #text, p{  
    color:rgb(191, 169, 54)  
}
```

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(191, 169, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 169, 54) }
```

Border

The CSS property to change the border of an element to XYZ 36.3397, 39.7186, 9.2412 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(191, 169, 54) }
```


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

```
.border{ border-color:rgb(191, 169, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 169, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 169, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 169, 54);  
box-shadow:4px 4px 4px 4px rgb(191, 169,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3397, 39.7186, 9.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 169, 54) }
```

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

```
.background{ background-color: rgb(191,  
169, 54) }
```

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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