

Converting Colors

XYZ(37.3430, 39.0355, 14.1607)

Have a look what the booklet for
XYZ(37.3430, 39.0355, 14.1607)
contains.

XYZ(37.3430, 39.0355, 14.1607)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.3430, 39.0355,
14.1607)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A555
RGB	194, 165, 85
RGB Percent	76%, 65%, 33%
CMY	0.2392, 0.3529, 0.6667
CMYK	0.00, 0.15, 0.56, 0.24
HSL	44°, 47%, 55%
HSV	44°, 56%, 76%
XYZ	37.3430, 39.0355, 14.1607
YIQ	164.5510, 42.9640, -18.7320

Conversions

Conversions Part 2

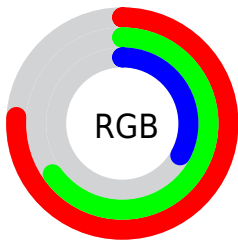
Format	Color
RYB	125, 194, 85
Decimal	12756309
CIELab	68.78, 0.79, 44.84
CIELCh	69, 44.844, 88.992
Yxy	39.0355, 0.4125, 0.4311
Android (android.graphics.Color)	4290946389 (0xFFC2A555)
YUV	164.5510, -39.2186, 25.8268
Hunter-Lab	62.4784, -2.6487, 30.2968

Details

The XYZ color **37.3430, 39.0355, 14.1607** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **19.5010, 17.8603, 53.4584**, and the grayscale version is **35.7173, 37.5774, 40.9218**.

A 20% lighter version of the original color is **70.6166, 73.8752, 34.2044**, and **16.6897, 17.3349, 4.0564** is the 20% darker color. If you saturate the color by 10%, you get **35.7636, 36.9457, 10.3393**, and if you desaturate by 10%, it is **39.1731, 41.2886, 19.1089**.

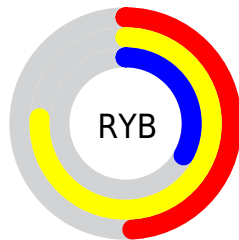
Distribution



Red (76%)

Green (65%)

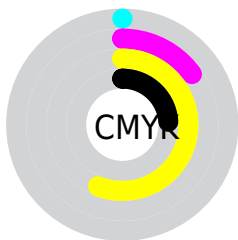
Blue (33%)



Red (49%)

Yellow (76%)

Blue (33%)

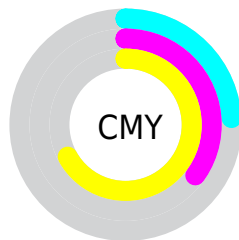


Cyan (0%)

Magenta (15%)

Yellow (56%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3430, 39.0355, 14.1607 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 37.3430, 39.0355, 14.1607 by changing the saturation by 10% instead.

37.3430, 39.0355,
14.1607

37.3430, 39.0355,
14.1607

326.1229,
342.0414, 229.6914

25.6481, 26.7873,
8.0925

70.4104, 73.6925,
34.0951

16.6918, 17.4136,
4.0656

92.5136, 96.8702,
48.7984

10.1090, 10.5298,
1.6614

118.8169,
124.4599, 67.2171

5.5341, 5.7516,
0.3341

149.6857,
156.8459, 89.7699

2.6018, 2.6946,
0.0000

185.4854,
194.4126, 116.8751

0.9469, 0.9745,
0.0000

226.5812,

0.0000, 0.0000,

237.5446, 148.9514

0.0000

273.3386,
286.6260, 186.4173

■ 37.3430, 39.0355,
14.1607

■ 37.3430, 39.0355,
14.1607

■ 35.7636, 36.9457,
10.3393

■ 39.1731, 41.2886,
19.1089

■ 34.4140, 35.0058,
7.5487

■ 41.2672, 43.7067,
25.2644

■ 33.2741, 33.2084,
5.6811

■ 43.6411, 46.2981,
32.7032

■ 32.3169, 31.5421,
4.5975

■ 46.3081, 49.0689,
41.4942

■ 31.9798, 30.9327,
4.2851

■ 49.2808, 52.0248,
51.7014

■ 52.5710, 55.1711,
63.3849

■ 56.1897, 58.5129,
76.6009

■ 60.1475, 62.0550,
91.4031

■ 63.7045, 65.5021,
103.8933

Harmonies

Analogous

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



44.5932, 39.0355, 17.0177



37.3430, 39.0355, 14.1607



30.8676, 39.0355, 16.6464

Triad

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



37.3430, 39.0355, 14.1607



26.3908, 39.0355, 64.4228



50.0841, 39.0355, 66.0092

Complementary

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



37.3430, 39.0355, 14.1607



19.5010, 17.8603, 53.4584

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.



44.1242, 39.0355, 86.7247



37.3430, 39.0355, 14.1607



30.5007, 39.0355, 85.6217

Square

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



37.3430, 39.0355, 14.1607



25.0519, 39.0355, 41.8182



36.8622, 39.0355, 94.8418



52.5038, 39.0355, 43.1953

Rectangle

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



37.3430, 39.0355, 14.1607



27.7195, 39.0355, 21.6546



36.8622, 39.0355, 94.8418



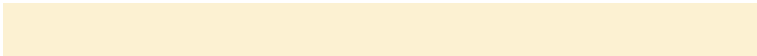
48.3937, 39.0355, 73.6866

Sweetspot

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



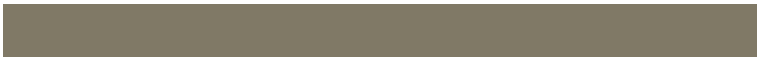
37.3439, 39.0374, 14.1615



83.3481, 88.3401, 73.3269



28.5379, 19.1831, 18.1385



18.0283, 19.1158, 15.3099



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.3439, 39.0374, 14.1615



64.3049, 66.2560, 17.6457



37.2010, 47.6266, 15.8269



10.6794, 11.2903, 10.6783



21.0960, 20.4777, 2.8407



0.9655, 0.9928, 0.1407

Inverse Universe

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



19.5010, 17.8603, 53.4584



28.9953, 24.4272, 95.6565



19.4709, 13.7353, 52.6638



9.7414, 10.1741, 12.7352



7.2565, 4.2694, 33.9982



0.3723, 0.3021, 1.4886

Previews

White Background



This preview shows how the XYZ color 37.3430, 39.0355, 14.1607 looks on a white background.

Color Contrast Check

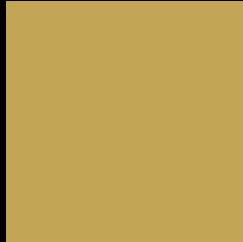
Large Text (above 18pt) WCAG AA × Fail

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 37.3430, 39.0355, 14.1607 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 37.3430, 39.0355, 14.1607

Background



This preview shows how black text looks on a background with the XYZ color 37.3430, 39.0355, 14.1607.



This preview shows how white text looks on a background with the XYZ color 37.3430, 39.0355,

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

37.3430, 39.0355, 14.1607

Protanopia

35.6899, 38.9914, 14.4491

Deuteranopia

39.7041, 38.9353, 14.2267



Tritanopia

43.0437, 39.0216, 42.3091

Trichromacy



Original Color

37.3430, 39.0355, 14.1607

Protanomaly

36.2375, 39.0007, 14.4221

Deuteranomaly

38.9572, 39.0691, 14.2919

Tritanomaly

40.2743, 38.6370, 29.3798

Monochromacy



Original Color

37.3430, 39.0355, 14.1607

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8036, 37.9179, 28.7244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3430, 39.0355, 14.1607 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(194, 165, 85)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 85)  
}
```

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(194, 165, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 85) }
```

Border

The CSS property to change the border of an element to XYZ 37.3430, 39.0355, 14.1607 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(194, 165, 85) }
```


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

```
.border{ border-color:rgb(194, 165, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 165, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 85);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3430, 39.0355, 14.1607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 85) }
```

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

```
.background{ background-color: rgb(194,  
165, 85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor