

Converting Colors

XYZ(33.1354, 39.9639, 14.4719)

Have a look what the booklet for
XYZ(33.1354, 39.9639, 14.4719)
contains.

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Color

**XYZ(33.1014, 39.9220,
14.5554)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B055
RGB	167, 176, 85
RGB Percent	65%, 69%, 33%
CMY	0.3451, 0.3098, 0.6667
CMYK	0.05, 0.00, 0.52, 0.31
HSL	66°, 37%, 51%
HSV	66°, 52%, 69%
XYZ	33.1014, 39.9220, 14.5554
YIQ	162.9350, 23.8470, -30.2090

Conversions

Conversions Part 2

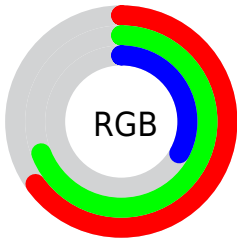
Format	Color
RYB	85, 176, 94
Decimal	10989653
CIELab	69.41, -16.38, 45.00
CIELCh	69, 47.892, 110.003
Yxy	39.9220, 0.3780, 0.4558
Android (android.graphics.Color)	4289179733 (0xFFA7B055)
YUV	162.9350, -38.4220, 3.5650
Hunter-Lab	63.1839, -17.0574, 30.5703

Details

The XYZ color **33.1014, 39.9220, 14.5554** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.7024, 12.0122, 42.5676**, and the grayscale version is **34.9507, 36.7709, 40.0435**.

A 20% lighter version of the original color is **64.1124, 75.3667, 34.8350**, and **14.3064, 18.0415, 4.2417** is the 20% darker color. If you saturate the color by 10%, you get **32.1223, 39.4896, 11.3029**, and if you desaturate by 10%, it is **34.2613, 40.4302, 18.7258**.

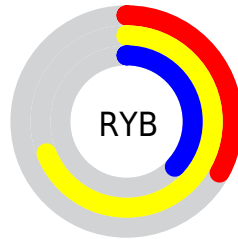
Distribution



Red (65%)

Green (69%)

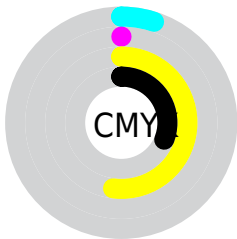
Blue (33%)



Red (33%)

Yellow (69%)

Blue (37%)

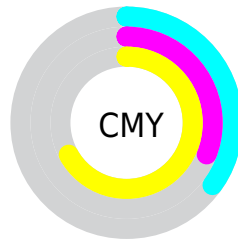


Cyan (5%)

Magenta (0%)

Yellow (52%)

Black (31%)



Cyan (35%)

Magenta (31%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1014, 39.9220, 14.5554 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 33.1014, 39.9220, 14.5554 by changing the saturation by 10% instead.

■ 33.1014, 39.9220,
14.5554

■ 33.1014, 39.9220,
14.5554

307.7633,
345.7947, 232.2065

■ 22.3637, 27.4777,
8.3648

■ 63.8874, 75.0447,
34.8025

■ 14.2425, 17.9323,
4.2382

■ 84.6665, 98.4920,
49.6961

■ 8.3724, 10.9014,
1.7569

■ 109.5234,
126.3757, 68.3278

■ 4.3879, 6.0006,
0.3993

■ 138.8236,
159.0802, 91.1161

■ 1.9239, 2.8454,
0.0000

■ 172.9323,
196.9900, 118.4796

■ 0.5906, 1.0516,
0.0000

212.2149,

■ 0.0000, 0.0000,

240.4894, 150.8368

0.0000

257.0368,
289.9628, 188.6063

■ 33.1014, 39.9220,
14.5554

■ 33.1014, 39.9220,
14.5554

■ 32.1223, 39.4896,
11.3029

■ 34.2613, 40.4302,
18.7258

■ 31.3080, 39.1222,
8.8965

■ 35.6109, 41.0134,
23.8736

■ 30.6444, 38.8157,
7.2579

■ 37.1620, 41.6778,
30.0563

■ 30.1136, 38.5629,
6.2934

■ 38.9246, 42.4273,
37.3264

■ 29.7430, 38.3814,
5.8407

■ 40.9079, 43.2658,
45.7326

■ 43.1207, 44.1966,
55.3208

■ 45.5712, 45.2230,
66.1343

■ 48.2672, 46.3483,
78.2142

■ 51.2162, 47.5754,
91.5998

Harmonies

Analogous

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



40.5737, 39.9220, 13.6516



33.1014, 39.9220, 14.5554



27.6936, 39.9220, 21.5110

Triad

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



33.1014, 39.9220, 14.5554



29.2006, 39.9220, 84.7226



54.4756, 39.9220, 51.2536

Complementary

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



33.1014, 39.9220, 14.5554



15.7024, 12.0122, 42.5676

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.



50.4566, 39.9220, 76.8207



33.1014, 39.9220, 14.5554



35.4317, 39.9220, 100.0367

Square

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



33.1014, 39.9220, 14.5554



25.6617, 39.9220, 59.6486



43.2387, 39.9220, 96.7366



53.6293, 39.9220, 30.5155

Rectangle

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



33.1014, 39.9220, 14.5554



25.6613, 39.9220, 30.5189



43.2387, 39.9220, 96.7366



53.6300, 39.9220, 59.6433

Sweetspot

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



33.1024, 39.9238, 14.5562



69.0812, 76.3034, 61.4106



23.4234, 17.6428, 10.7657



14.8335, 16.4777, 12.7424



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.1024, 39.9238, 14.5562



58.0348, 71.5182, 19.8075



25.3229, 35.9134, 14.1922



9.1126, 9.8631, 9.0760



21.8495, 28.1739, 4.2865



0.7112, 0.8987, 0.1360

Inverse Universe

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



15.7024, 12.0122, 42.5676



23.0373, 15.3190, 76.2380



21.5812, 15.0428, 42.8427



8.1174, 8.2690, 10.6746



5.9490, 2.4026, 30.2872



0.2125, 0.0886, 0.9541

Previews

White Background



This preview shows how the XYZ color 33.1014, 39.9220, 14.5554 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 33.1014, 39.9220, 14.5554 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 33.1014, 39.9220, 14.5554

Background



This preview shows how black text looks on a background with the XYZ color 33.1014, 39.9220, 14.5554.



This preview shows how white text looks on a background with the XYZ color 33.1014, 39.9220,

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

33.1014, 39.9220, 14.5554

Protanopia

36.4296, 39.9388, 13.9725

Deuteranopia

40.5605, 39.6209, 14.9610



Tritanopia

39.9044, 39.8742, 48.2411

Trichromacy



Original Color

33.1014, 39.9220, 14.5554

Protanomaly

35.1751, 39.8484, 14.2251

Deuteranomaly

37.3900, 39.3145, 14.8503

Tritanomaly

36.7191, 39.6780, 32.5114

Monochromacy



Original Color

33.1014, 39.9220, 14.5554

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.6856, 37.6470, 28.4129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1014, 39.9220, 14.5554 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(167, 176, 85)` looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 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(167, 176, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 85) }
```

Border

The CSS property to change the border of an element to XYZ 33.1014, 39.9220, 14.5554 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(167, 176, 85) }
```


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

```
.border{ border-color:rgb(167, 176, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 176, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 176, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 176, 85);  
box-shadow:4px 4px 4px 4px rgb(167, 176,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1014, 39.9220, 14.5554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 85) }
```

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

```
.background{ background-color: rgb(167,  
176, 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](#).

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