

Converting Colors

XYZ(28.3171, 34.1210, 13.4407)

Have a look what the booklet for
XYZ(28.3171, 34.1210, 13.4407)
contains.

XYZ(28.3933, 34.1596, 13.4845)	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(28.3933, 34.1596,
13.4845)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA454
RGB	155, 164, 84
RGB Percent	61%, 64%, 33%
CMY	0.3922, 0.3568, 0.6706
CMYK	0.05, 0.00, 0.49, 0.36
HSL	67°, 32%, 49%
HSV	67°, 49%, 64%
XYZ	28.3933, 34.1596, 13.4845
YIQ	152.1890, 20.3160, -26.7880

Conversions

Conversions Part 2

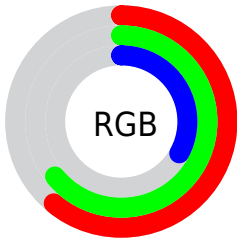
Format	Color
RYB	84, 164, 93
Decimal	10200148
CIELab	65.09, -15.28, 40.12
CIELCh	65, 42.929, 110.849
Yxy	34.1596, 0.3734, 0.4492
Android (android.graphics.Color)	4288390228 (0xFF9BA454)
YUV	152.1890, -33.6172, 2.4652
Hunter-Lab	58.4462, -15.5652, 27.2332

Details

The XYZ color **28.3933, 34.1596, 13.4845** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **14.3866, 11.3490, 36.5563**, and the grayscale version is **30.0620, 31.6276, 34.4424**.

A 20% lighter version of the original color is **56.5687, 66.2612, 32.7299**, and **11.5770, 14.5345, 3.7854** is the 20% darker color. If you saturate the color by 10%, you get **27.4735, 33.7523, 10.4722**, and if you desaturate by 10%, it is **29.4706, 34.6330, 17.2906**.

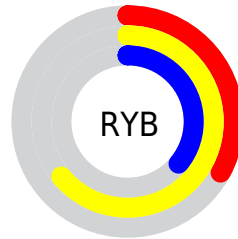
Distribution



Red (61%)

Green (64%)

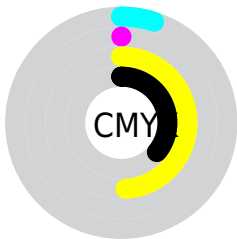
Blue (33%)



Red (33%)

Yellow (64%)

Blue (36%)

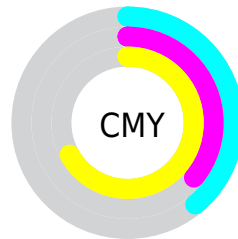


Cyan (5%)

Magenta (0%)

Yellow (49%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3933, 34.1596, 13.4845 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 28.3933, 34.1596, 13.4845 by changing the saturation by 10% instead.

■ 28.3933, 34.1596,
13.4845

■ 28.3933, 34.1596,
13.4845

286.3876,
320.8431, 225.3157

■ 18.7643, 23.0162,
7.6284

■ 56.5160, 66.1818,
32.8754

■ 11.6031, 14.6055,
3.7737

■ 75.7405, 87.8294,
47.2472

■ 6.5443, 8.5430,
1.5021

■ 98.8941, 113.7472,
65.2947

■ 3.2226, 4.4443,
0.2195

■ 126.3423,
144.3196, 87.4363

■ 1.2725, 1.9251,
0.0000

■ 158.4504,
179.9310, 114.0907

■ 0.1625, 0.5634,
0.0000

195.5837,

■ 0.0000, 0.0000,

220.9658, 145.6764

0.0000

238.1077,
267.8084, 182.6118

■ 28.3933, 34.1596,
13.4845

■ 28.3933, 34.1596,
13.4845

■ 27.4735, 33.7523,
10.4722

■ 29.4706, 34.6330,
17.2906

■ 26.6980, 33.4021,
8.1954

■ 30.7126, 35.1716,
21.9391

■ 26.0556, 33.1058,
6.5914

■ 32.1289, 35.7807,
27.4771

■ 25.5322, 32.8576,
5.5861

■ 33.7277, 36.4633,
33.9478

■ 25.1005, 32.6468,
5.0360

■ 35.5168, 37.2227,
41.3913

■ 25.0496, 32.6219,
4.9764

■ 37.5033, 38.0618,
49.8457

■ 39.6941, 38.9831,
59.3468

■ 42.0957, 39.9894,
69.9287

■ 44.7142, 41.0832,
81.6241

Harmonies

Analogous

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



34.4077, 34.1596, 12.5863



28.3933, 34.1596, 13.4845



24.0460, 34.1596, 19.4849

Triad

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



28.3933, 34.1596, 13.4845



25.4851, 34.1596, 70.5922



45.7687, 34.1596, 42.9133

Complementary

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



28.3933, 34.1596, 13.4845



14.3866, 11.3490, 36.5563

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.



42.6566, 34.1596, 63.2903



28.3933, 34.1596, 13.4845



30.6020, 34.1596, 82.3100

Square

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



28.3933, 34.1596, 13.4845



22.5219, 34.1596, 50.7691



36.9143, 34.1596, 79.2787



44.9799, 34.1596, 26.2841

Rectangle

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



28.3933, 34.1596, 13.4845



22.4270, 34.1596, 27.0483



36.9143, 34.1596, 79.2787



45.1307, 34.1596, 49.6041

Sweetspot

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



28.3941, 34.1611, 13.4852



59.2928, 65.3622, 53.7850



20.7384, 16.1878, 10.4195



12.8397, 14.2369, 11.2652



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.3941, 34.1611, 13.4852



49.6643, 61.1721, 18.3837



22.0794, 30.9058, 13.1897



7.5706, 8.1966, 7.5632



19.2308, 25.0243, 3.8166



0.4249, 0.5365, 0.0812

Inverse Universe

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



14.3866, 11.3490, 36.5563



21.1230, 14.6430, 65.4654



19.3880, 13.9273, 36.7904



6.7711, 6.8964, 8.8773



5.3577, 2.1685, 27.0660



0.1331, 0.0561, 0.5697

Previews

White Background



This preview shows how the XYZ color 28.3933, 34.1596, 13.4845 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 28.3933, 34.1596, 13.4845 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 28.3933, 34.1596, 13.4845

Background



This preview shows how black text looks on a background with the XYZ color 28.3933, 34.1596, 13.4845.



This preview shows how white text looks on a background with the XYZ color 28.3933, 34.1596,

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

28.3933, 34.1596, 13.4845

Protanopia

31.2054, 34.0616, 12.9125

Deuteranopia

34.6190, 33.8383, 13.7236



Tritanopia

34.0062, 34.1252, 41.3537

Trichromacy



Original Color

28.3933, 34.1596, 13.4845

Protanomaly

30.0685, 33.9816, 13.1579

Deuteranomaly

31.9915, 33.6983, 13.6224

Tritanomaly

31.4402, 33.8369, 28.5410

Monochromacy



Original Color

28.3933, 34.1596, 13.4845

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.8561, 32.0815, 24.7502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3933, 34.1596, 13.4845 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(155, 164, 84)` looks like.

```
.text, #text, p{  
    color:rgb(155, 164, 84)  
}
```

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(155, 164, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 164, 84) }
```

Border

The CSS property to change the border of an element to XYZ 28.3933, 34.1596, 13.4845 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(155, 164, 84) }
```


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

```
.border{ border-color:rgb(155, 164, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 164, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 164, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 164, 84);  
box-shadow:4px 4px 4px 4px rgb(155, 164,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3933, 34.1596, 13.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 164, 84) }
```

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

```
.background{ background-color: rgb(155,  
164, 84) }
```

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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