

Converting Colors

XYZ(28.8740, 36.0347, 14.0279)

Have a look what the booklet for
XYZ(28.8740, 36.0347, 14.0279)
contains.

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Color

**XYZ(28.9633, 36.0807,
14.0321)**

Conversions

Conversions Part 1

Format	Color
Hex	98AA55
RGB	152, 170, 85
RGB Percent	60%, 67%, 33%
CMY	0.4039, 0.3333, 0.6667
CMYK	0.11, 0.00, 0.50, 0.33
HSL	73°, 33%, 50%
HSV	73°, 50%, 67%
XYZ	28.9633, 36.0807, 14.0321
YIQ	154.9280, 16.5570, -30.2510

Conversions

Conversions Part 2

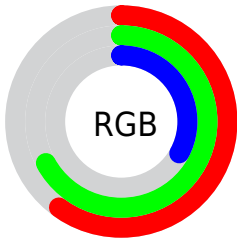
Format	Color
RYB	85, 170, 103
Decimal	10005077
CIELab	66.58, -19.49, 41.36
CIELCh	67, 45.722, 115.231
Yxy	36.0807, 0.3663, 0.4563
Android (android.graphics.Color)	4288195157 (0xFF98AA55)
YUV	154.9280, -34.4745, -2.5679
Hunter-Lab	60.0672, -19.0482, 28.1965

Details

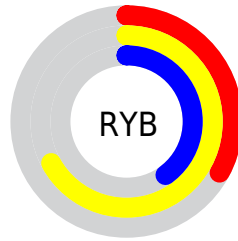
The XYZ color **28.9633, 36.0807, 14.0321** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **16.0991, 12.2838, 39.5548**, and the grayscale version is **31.2672, 32.8955, 35.8232**.

A 20% lighter version of the original color is **57.4530, 69.0665, 33.9700**, and **11.9274, 15.7309, 3.9978** is the 20% darker color. If you saturate the color by 10%, you get **27.7040, 35.5016, 10.8615**, and if you desaturate by 10%, it is **30.4071, 36.7385, 18.0598**.

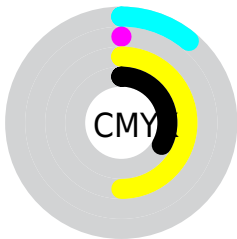
Distribution



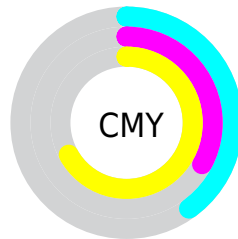
- Red (60%)
- Green (67%)
- Blue (33%)



- Red (33%)
- Yellow (67%)
- Blue (40%)



- Cyan (11%)
- Magenta (0%)
- Yellow (50%)
- Black (33%)





- Cyan (40%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9633, 36.0807, 14.0321 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 28.9633, 36.0807, 14.0321 by changing the saturation by 10% instead.


 28.9633, 36.0807,
14.0321


 28.9633, 36.0807,
14.0321


289.0391,
329.3131, 228.8658


 19.1972, 24.4965,
8.0040


 57.4167, 69.1566,
33.8639

 11.9177, 15.7024,
4.0097


 76.8348, 91.4171,
48.5047


 6.7595, 9.3138,
1.6307


 100.2009,
118.0052, 66.8535

 3.3571, 4.9464,
0.3126

 127.8803,
149.3053, 89.3287

 1.3453, 2.2159,
0.0000

 160.2385,
185.7017, 116.3491

 0.2167, 0.7286,
0.0000

197.6408,

 0.0000, 0.0000,

227.5789, 148.3330

0.0000

240.4525,
275.3212, 185.6991

■ 28.9633, 36.0807,
14.0321

■ 28.9633, 36.0807,
14.0321

■ 27.7040, 35.5016,
10.8615

■ 30.4071, 36.7385,
18.0598

■ 26.6146, 34.9915,
8.4835

■ 32.0436, 37.4746,
22.9983

■ 25.6823, 34.5465,
6.8280


■ 33.8836, 38.2944,
28.8997


■ 24.8913, 34.1604,
5.8121


■ 35.9362, 39.2017,
35.8114


■ 24.2063, 33.8190,
5.2519


■ 38.2101, 40.2000,
43.7780

 24.2063, 33.8190,
5.2519

 40.7134, 41.2925,
52.8409

 43.4537, 42.4822,
63.0398

 46.4382, 43.7722,
74.4120

 49.6740, 45.1652,
86.9934

Harmonies

Analogous

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



35.4040, 36.0807, 12.3522



28.9633, 36.0807, 14.0321



24.5433, 36.0807, 21.4143

Triad

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



28.9633, 36.0807, 14.0321



27.2962, 36.0807, 79.2971



49.2203, 36.0807, 42.5168

Complementary

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



28.9633, 36.0807, 14.0321



16.0991, 12.2838, 39.5548

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.



46.3348, 36.0807, 65.0617



28.9633, 36.0807, 14.0321



33.2067, 36.0807, 90.3577

Square

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



28.9633, 36.0807, 14.0321



23.6747, 36.0807, 57.7277



40.2408, 36.0807, 84.4291



47.6905, 36.0807, 25.2605

Rectangle

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



28.9633, 36.0807, 14.0321



23.0368, 36.0807, 30.4062



40.2408, 36.0807, 84.4291



48.7247, 36.0807, 49.7448

Sweetspot

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



28.9642, 36.0823, 14.0329



63.1865, 70.2355, 58.1277



22.9699, 18.7057, 10.9948



13.9231, 15.5886, 12.4012



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.9642, 36.0823, 14.0329



50.0336, 64.3037, 19.1688



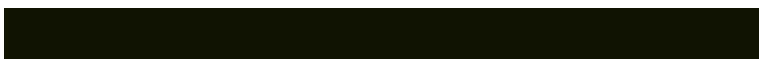
22.5085, 32.7543, 13.7307



7.9890, 8.6924, 8.0460



17.8531, 24.9009, 3.8654



0.4723, 0.6254, 0.0958

Inverse Universe

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



16.0991, 12.2838, 39.5548



24.0428, 16.1448, 70.8509



22.0946, 15.3746, 39.8354



7.2748, 7.3743, 9.4583



5.9124, 2.4314, 28.1332



0.1839, 0.0798, 0.6864

Previews

White Background



This preview shows how the XYZ color 28.9633, 36.0807, 14.0321 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 28.9633, 36.0807, 14.0321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

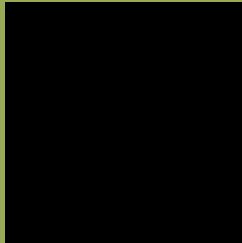
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9633, 36.0807, 14.0321

Background



This preview shows how black text looks on a background with the XYZ color 28.9633, 36.0807, 14.0321.



This preview shows how white text looks on a background with the XYZ color 28.9633, 36.0807, 14.0321.

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

28.9633, 36.0807, 14.0321

Protanopia

33.0337, 36.0336, 13.1968

Deuteranopia

36.6475, 35.8382, 14.4371



Tritanopia

35.0139, 35.8401, 44.6076

Trichromacy



Original Color

28.9633, 36.0807, 14.0321

Protanomaly

31.3787, 35.9698, 13.4727

Deuteranomaly

33.3883, 35.6699, 14.3578

Tritanomaly

32.1837, 35.7431, 30.4021

Monochromacy



Original Color

28.9633, 36.0807, 14.0321

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

29.9265, 33.6233, 26.0318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9633, 36.0807, 14.0321 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(152, 170, 85)` looks like.

```
.text, #text, p{  
    color:rgb(152, 170, 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(152, 170, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 170, 85) }
```

Border

The CSS property to change the border of an element to XYZ 28.9633, 36.0807, 14.0321 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(152, 170, 85) }
```


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

```
.border{ border-color:rgb(152, 170, 85) }
```

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

Here you see how a box with a 4 pixel rgb(152, 170, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 170, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 170, 85);  
box-shadow:4px 4px 4px 4px rgb(152, 170,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9633, 36.0807, 14.0321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 170, 85) }
```

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

```
.background{ background-color: rgb(152,  
170, 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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