

Converting Colors

XYZ(28.5494, 36.5659, 15.7930)

Have a look what the booklet for
XYZ(28.5494, 36.5659, 15.7930)
contains.

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Color

**XYZ(28.5964, 36.6972,
15.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	91AD5D
RGB	145, 173, 93
RGB Percent	57%, 68%, 36%
CMY	0.4314, 0.3216, 0.6353
CMYK	0.16, 0.00, 0.46, 0.32
HSL	81°, 33%, 52%
HSV	81°, 46%, 68%
XYZ	28.5964, 36.6972, 15.9320
YIQ	155.5080, 8.9920, -30.8160

Conversions

Conversions Part 2

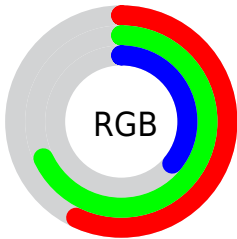
Format	Color
RYB	93, 173, 121
Decimal	9547101
CIELab	67.05, -22.93, 37.80
CIELCh	67, 44.211, 121.246
Yxy	36.6972, 0.3521, 0.4518
Android (android.graphics.Color)	4287737181 (0xFF91AD5D)
YUV	155.5080, -30.8164, -9.2155
Hunter-Lab	60.5782, -21.7496, 26.8115

Details

The XYZ color **28.5964, 36.6972, 15.9320** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **19.3438, 14.9118, 41.3960**, and the grayscale version is **31.5116, 33.1526, 36.1032**.

A 20% lighter version of the original color is **56.9496, 70.3623, 37.3678**, and **11.8062, 16.1837, 4.8844** is the 20% darker color. If you saturate the color by 10%, you get **26.8767, 35.8906, 12.2943**, and if you desaturate by 10%, it is **30.5482, 37.6058, 20.4870**.

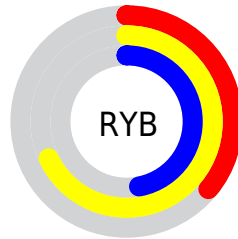
Distribution



Red (57%)

Green (68%)

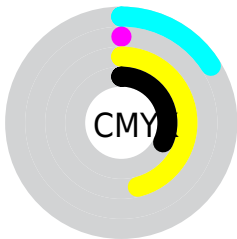
Blue (36%)



Red (36%)

Yellow (68%)

Blue (47%)

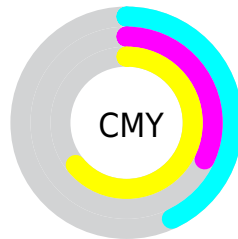


Cyan (16%)

Magenta (0%)

Yellow (46%)

Black (32%)



Cyan (43%)

Magenta (32%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5964, 36.6972, 15.9320 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 28.5964, 36.6972, 15.9320 by changing the saturation by 10% instead.

■ 28.5964, 36.6972,
15.9320

■ 28.5964, 36.6972,
15.9320

287.3345,
331.9977, 240.7721

■ 18.9185, 24.9731,
9.3222

■ 56.8372, 70.1068,
37.2453

■ 11.7150, 16.0570,
4.8523

■ 76.1308, 92.5612,
52.7858

■ 6.6208, 9.5645,
2.1036

■ 99.3604, 119.3611,
72.1404

■ 3.2703, 5.1112,
0.6179

■ 126.8912,
150.8909, 95.7275

■ 1.2983, 2.3127,
0.0000

159.0887,
187.5351, 123.9657

■ 0.1819, 0.7804,
0.0000

196.3182,

■ 0.0000, 0.0000,

229.6781, 157.2735

0.0000

238.9450,
277.7041, 196.0694

■ 28.5964, 36.6972,
15.9320

■ 28.5964, 36.6972,
15.9320

■ 26.8767, 35.8906,
12.2943

■ 30.5482, 37.6058,
20.4870

■ 25.3736, 35.1758,
9.5090

■ 32.7410, 38.6162,
26.0134

■ 24.0738, 34.5487,
7.5068


■ 35.1864, 39.7343,
32.5640

■ 22.9610, 34.0027,
6.2063


■ 37.8943, 40.9644,
40.1872


■ 22.0135, 33.5289,
5.4981


■ 40.8742, 42.3102,
48.9281

 21.6832, 33.3628,
5.2968

 44.1348, 43.7754,
58.8294

 47.6848, 45.3634,
69.9315

 51.5320, 47.0775,
82.2728

 55.6843, 48.9210,
95.8901

Harmonies

Analogous

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



34.5994, 36.6972, 13.2013



28.5964, 36.6972, 15.9320



24.7323, 36.6972, 24.6661

Triad

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



28.5964, 36.6972, 15.9320



29.0248, 36.6972, 81.9803



49.4609, 36.6972, 39.1578

Complementary

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



28.5964, 36.6972, 15.9320



19.3438, 14.9118, 41.3960

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.



47.4804, 36.6972, 60.5370



28.5964, 36.6972, 15.9320



35.1613, 36.6972, 89.5573

Square

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



28.5964, 36.6972, 15.9320



24.9564, 36.6972, 62.3941



42.0217, 36.6972, 80.6880



47.1361, 36.6972, 23.6694

Rectangle

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



28.5964, 36.6972, 15.9320



23.6025, 36.6972, 34.5845



42.0217, 36.6972, 80.6880



49.2749, 36.6972, 45.8589

Sweetspot

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



28.5973, 36.6988, 15.9328



63.9448, 71.5826, 60.8893



26.0481, 23.3505, 13.4907



13.6850, 15.4601, 12.6480



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.



28.5973, 36.6988, 15.9328



48.2137, 64.3134, 22.1794



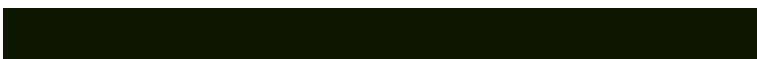
22.7462, 33.6825, 15.6590



8.3864, 9.1878, 8.5448



15.9922, 24.5414, 3.8941



0.5010, 0.7117, 0.1110

Inverse Universe

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



19.3438, 14.9118, 41.3960



29.6941, 20.6528, 73.2271



26.1565, 18.4238, 41.7148



7.8335, 7.8885, 10.0625



6.9919, 2.9643, 29.2482



0.2547, 0.1135, 0.8165

Previews

White Background



This preview shows how the XYZ color 28.5964, 36.6972, 15.9320 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 28.5964, 36.6972, 15.9320 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 28.5964, 36.6972, 15.9320

Background



This preview shows how black text looks on a background with the XYZ color 28.5964, 36.6972, 15.9320.



This preview shows how white text looks on a background with the XYZ color 28.5964, 36.6972,

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

28.5964, 36.6972, 15.9320

Protanopia

33.4908, 36.4994, 14.7311

Deuteranopia

37.1677, 36.3115, 16.3591



Tritanopia

34.8222, 36.7534, 46.3331

Trichromacy



Original Color

28.5964, 36.6972, 15.9320

Protanomaly

31.6005, 36.5911, 15.0701

Deuteranomaly

33.6221, 36.2689, 16.2949

Tritanomaly

31.9559, 36.3882, 32.5335

Monochromacy



Original Color

28.5964, 36.6972, 15.9320

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.1029, 34.2095, 27.2068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5964, 36.6972, 15.9320 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(145, 173, 93)` looks like.

```
.text, #text, p{  
    color:rgb(145, 173, 93)  
}
```

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(145, 173, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 173, 93) }
```

Border

The CSS property to change the border of an element to XYZ 28.5964, 36.6972, 15.9320 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(145, 173, 93) }
```


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

```
.border{ border-color:rgb(145, 173, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 173, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 173, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 173, 93);  
box-shadow:4px 4px 4px 4px rgb(145, 173,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5964, 36.6972, 15.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 173, 93) }
```

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

```
.background{ background-color: rgb(145,  
173, 93) }
```

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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