

Converting Colors

XYZ(27.5582, 33.6958, 14.9490)

Have a look what the booklet for
XYZ(27.5582, 33.6958, 14.9490)
contains.

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Color

**XYZ(27.5582, 33.6958,
14.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	95A45B
RGB	149, 164, 91
RGB Percent	58%, 64%, 36%
CMY	0.4157, 0.3568, 0.6431
CMYK	0.09, 0.00, 0.45, 0.36
HSL	72°, 29%, 50%
HSV	72°, 45%, 64%
XYZ	27.5582, 33.6958, 14.9490
YIQ	151.1930, 14.4930, -25.8830

Conversions

Conversions Part 2

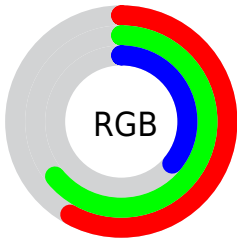
Format	Color
RYB	91, 164, 106
Decimal	9806939
CIELab	64.72, -17.00, 36.00
CIELCh	65, 39.809, 115.279
Yxy	33.6958, 0.3616, 0.4422
Android (android.graphics.Color)	4287997019 (0xFF95A45B)
YUV	151.1930, -29.6751, -1.9233
Hunter-Lab	58.0481, -16.8417, 25.3648

Details

The XYZ color **27.5582, 33.6958, 14.9490** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.3871, 13.2276, 36.8134**, and the grayscale version is **29.6176, 31.1600, 33.9333**.

A 20% lighter version of the original color is **55.1158, 65.4534, 35.3200**, and **11.1419, 14.2969, 4.3628** is the 20% darker color. If you saturate the color by 10%, you get **26.3208, 33.1320, 11.5932**, and if you desaturate by 10%, it is **28.9697, 34.3336, 19.1214**.

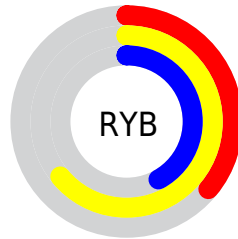
Distribution



Red (58%)

Green (64%)

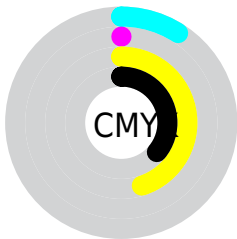
Blue (36%)



Red (36%)

Yellow (64%)

Blue (42%)

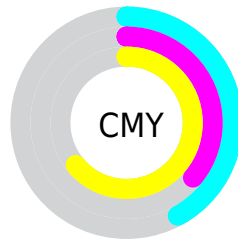


Cyan (9%)

Magenta (0%)

Yellow (45%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5582, 33.6958, 14.9490 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 27.5582, 33.6958, 14.9490 by changing the saturation by 10% instead.

■ 27.5582, 33.6958,
14.9490

■ 27.5582, 33.6958,
14.9490

282.4683,
318.7735, 234.6875

■ 18.1316, 22.6600,
8.6374

■ 55.1919, 65.4603,
35.5047

■ 11.1448, 14.3427,
4.4119

■ 74.1298, 86.9579,
50.5859

■ 6.2323, 8.3594,
1.8539

■ 96.9687, 112.7114,
69.4273

■ 3.0289, 4.3258,
0.4632

■ 124.0742,
143.1054, 92.4476

■ 1.1690, 1.8574,
0.0000

155.8116,
178.5242, 120.0652

■ 0.0817, 0.5226,
0.0000

192.5461,

■ 0.0000, 0.0000,

219.3522, 152.6987

0.0000

234.6432,
265.9739, 190.7666

■ 27.5582, 33.6958,
14.9490

■ 27.5582, 33.6958,
14.9490

■ 26.3208, 33.1320,
11.5932

■ 28.9697, 34.3336,
19.1214

■ 25.2448, 32.6336,
8.9983

■ 30.5622, 35.0448,
24.1570

■ 24.3192, 32.1974,
7.1048


■ 32.3452, 35.8343,
30.1015


■ 23.5310, 31.8182,
5.8438

■ 34.3268, 36.7053,
36.9968


■ 22.8641, 31.4894,
5.1314


■ 36.5147, 37.6609,
44.8820

 22.5276, 31.3217,
4.8584

 38.9159, 38.7040,
53.7942

 41.5373, 39.8373,
63.7685

 44.3854, 41.0635,
74.8383

 47.4664, 42.3850,
87.0357

Harmonies

Analogous

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



32.9402, 33.6958, 13.4070



27.5582, 33.6958, 14.9490



23.8144, 33.6958, 21.5195

Triad

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



27.5582, 33.6958, 14.9490



26.1646, 33.6958, 69.1266



44.2793, 33.6958, 39.3418

Complementary

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



27.5582, 33.6958, 14.9490



16.3871, 13.2276, 36.8134

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.



41.9387, 33.6958, 57.7016



27.5582, 33.6958, 14.9490



31.1305, 33.6958, 77.8596

Square

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



27.5582, 33.6958, 14.9490



23.0794, 33.6958, 51.8420



36.9542, 33.6958, 73.1555



43.0311, 33.6958, 24.8202

Rectangle

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



27.5582, 33.6958, 14.9490



22.5278, 33.6958, 29.2560



36.9542, 33.6958, 73.1555



43.8790, 33.6958, 45.2851

Sweetspot

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



27.5590, 33.6973, 14.9497



59.1445, 65.2338, 56.1261



22.3123, 18.8746, 12.3652



12.7721, 14.1917, 11.7309



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.



27.5590, 33.6973, 14.9497



47.8826, 60.1868, 21.3219



21.9621, 30.8120, 14.6878



7.5062, 8.1634, 7.5602



17.3120, 24.0351, 3.7268



0.3978, 0.5226, 0.0799

Inverse Universe

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



16.3871, 13.2276, 36.8134



25.0985, 18.3951, 65.9801



21.6156, 15.9230, 37.0581



6.8302, 6.9268, 8.8801



5.6696, 2.3293, 27.0806



0.1539, 0.0669, 0.5706

Previews

White Background



This preview shows how the XYZ color 27.5582, 33.6958, 14.9490 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 27.5582, 33.6958, 14.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

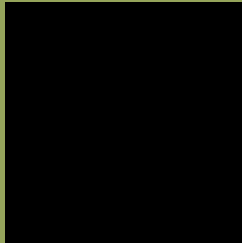
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.5582, 33.6958, 14.9490

Background



This preview shows how black text looks on a background with the XYZ color 27.5582, 33.6958, 14.9490.



This preview shows how white text looks on a background with the XYZ color 27.5582, 33.6958,

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

27.5582, 33.6958, 14.9490

Protanopia

30.8317, 33.5892, 14.0909

Deuteranopia

34.1619, 33.5680, 15.2684



Tritanopia

32.7969, 33.5018, 41.2971

Trichromacy



Original Color

27.5582, 33.6958, 14.9490

Protanomaly

29.6838, 33.7554, 14.4021

Deuteranomaly

31.3763, 33.3470, 15.1388

Tritanomaly

30.4046, 33.2864, 29.2485

Monochromacy



Original Color

27.5582, 33.6958, 14.9490

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.4286, 31.8459, 25.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5582, 33.6958, 14.9490 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(149, 164, 91)` looks like.

```
.text, #text, p{  
    color:rgb(149, 164, 91)  
}
```

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(149, 164, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 164, 91) }
```

Border

The CSS property to change the border of an element to XYZ 27.5582, 33.6958, 14.9490 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(149, 164, 91) }
```


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

```
.border{ border-color:rgb(149, 164, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 164, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 164, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 164, 91);  
box-shadow:4px 4px 4px 4px rgb(149, 164,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5582, 33.6958, 14.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 164, 91) }
```

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

```
.background{ background-color: rgb(149,  
164, 91) }
```

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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