

Converting Colors

XYZ(29.4530, 35.5332, 21.1633)

Have a look what the booklet for
XYZ(29.4530, 35.5332, 21.1633)
contains.

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Color

**XYZ(29.4343, 35.6097,
21.2416)**

Conversions

Conversions Part 1

Format	Color
Hex	95A872
RGB	149, 168, 114
RGB Percent	58%, 66%, 45%
CMY	0.4157, 0.3412, 0.5529
CMYK	0.11, 0.00, 0.32, 0.34
HSL	81°, 24%, 55%
HSV	81°, 32%, 66%
XYZ	29.4343, 35.6097, 21.2416
YIQ	156.1630, 6.0100, -20.8220

Conversions

Conversions Part 2

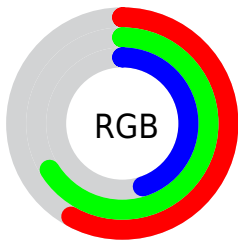
Format	Color
RYB	114, 168, 133
Decimal	9807986
CIELab	66.22, -16.12, 25.76
CIElCh	66, 30.392, 122.033
Yxy	35.6097, 0.3411, 0.4127
Android (android.graphics.Color)	4287998066 (0xFF95A872)
YUV	156.1630, -20.7864, -6.2820
Hunter-Lab	59.6739, -16.3836, 20.6667

Details

The XYZ color **29.4343, 35.6097, 21.2416** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.7595, 19.8493, 39.6795**, and the grayscale version is **31.7615, 33.4156, 36.3896**.

A 20% lighter version of the original color is **58.1725, 68.3659, 46.2063**, and **12.1293, 15.4138, 7.3369** is the 20% darker color. If you saturate the color by 10%, you get **27.5134, 34.7211, 16.6103**, and if you desaturate by 10%, it is **31.5875, 36.6000, 26.8021**.

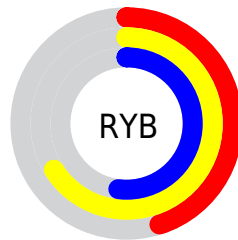
Distribution



Red (58%)

Green (66%)

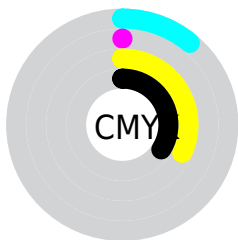
Blue (45%)



Red (45%)

Yellow (66%)

Blue (52%)

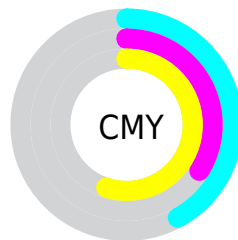


Cyan (11%)

Magenta (0%)

Yellow (32%)

Black (34%)



Cyan (42%)

Magenta (34%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4343, 35.6097, 21.2416 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 29.4343, 35.6097, 21.2416 by changing the saturation by 10% instead.

■ 29.4343, 35.6097,
21.2416

■ 29.4343, 35.6097,
21.2416

291.2160,
327.2514, 271.3828

■ 19.5555, 24.1329,
13.1078

■ 58.1592, 68.4292,
46.3753

■ 12.1788, 15.4322,
7.3712

■ 77.7360, 90.5407,
64.2122

■ 6.9386, 9.1233,
3.6134

■ 101.2763,
116.9660, 86.1205

■ 3.4697, 4.8217,
1.4157

■ 129.1453,
148.0893, 112.5189

■ 1.4068, 2.1430,
0.1539

161.7084,
184.2951, 143.8257

■ 0.2610, 0.6887,
0.0000

199.3310,

■ 0.0000, 0.0000,

225.9678, 180.4596

0.0000

242.3784,
273.4917, 222.8391

■ 29.4343, 35.6097,
21.2416

■ 29.4343, 35.6097,
21.2416

■ 27.5134, 34.7211,
16.6103

■ 31.5875, 36.6000,
26.8021

■ 25.8116, 33.9251,
12.8551

■ 33.9799, 37.6911,
33.3365

■ 24.3184, 33.2188,
9.9212


■ 36.6215, 38.8885,
40.8891


■ 23.0213, 32.5969,
7.7467


■ 39.5208, 40.1955,
49.5011


■ 21.9059, 32.0536,
6.2607


■ 42.6860, 41.6156,
59.2112

 20.9554, 31.5821,
5.3790

 46.1247, 43.1519,
70.0562

 20.2956, 31.2505,
4.9623

 49.8443, 44.8073,
82.0713

 53.8520, 46.5849,
95.2901

 56.4673, 47.8126,
100.8603

Harmonies

Analogous

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



33.5380, 35.6097, 18.8092



29.4343, 35.6097, 21.2416



26.7231, 35.6097, 28.2144

Triad

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



29.4343, 35.6097, 21.2416



29.9244, 35.6097, 65.2323



43.3151, 35.6097, 37.8950

Complementary

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



29.4343, 35.6097, 21.2416



22.7595, 19.8493, 39.6795

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.



42.1338, 35.6097, 51.6831



29.4343, 35.6097, 21.2416



34.1558, 35.6097, 69.4161

Square

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



29.4343, 35.6097, 21.2416



26.9878, 35.6097, 53.5612



38.6778, 35.6097, 63.9889



41.7774, 35.6097, 26.9929

Rectangle

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



29.4343, 35.6097, 21.2416



25.9341, 35.6097, 35.4181



38.6778, 35.6097, 63.9889



43.2226, 35.6097, 42.3331

Sweetspot

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



29.4352, 35.6113, 21.2424



62.5616, 68.8030, 63.0288



27.5608, 26.2886, 19.5417



13.5003, 14.9345, 13.3566



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.4352, 35.6113, 21.2424



50.7337, 63.3794, 32.0308



25.0812, 33.3667, 21.0386



7.8868, 8.6398, 8.0412



15.3827, 23.6273, 3.7498



0.4265, 0.6018, 0.0937

Inverse Universe

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



22.7595, 19.8493, 39.6795



36.6026, 29.9965, 71.0858



27.5637, 22.3260, 39.9043



7.3716, 7.4242, 9.4628



6.7560, 2.8663, 28.1727



0.2197, 0.0983, 0.6880

Previews

White Background



This preview shows how the XYZ color 29.4343, 35.6097, 21.2416 looks on a white background.

Color Contrast Check

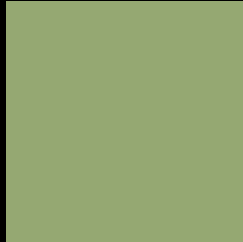
Large Text (above 18pt) WCAG AA × Fail

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 29.4343, 35.6097, 21.2416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

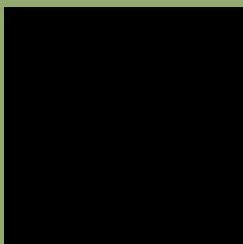
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

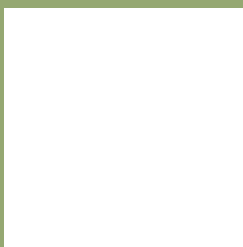
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4343, 35.6097, 21.2416

Background



This preview shows how black text looks on a background with the XYZ color 29.4343, 35.6097, 21.2416.



This preview shows how white text looks on a background with the XYZ color 29.4343, 35.6097,

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

29.4343, 35.6097, 21.2416

Protanopia

33.0697, 35.6361, 20.1744

Deuteranopia

36.0017, 35.3427, 21.7540



Tritanopia

34.1923, 35.6750, 44.6190

Trichromacy



Original Color

29.4343, 35.6097, 21.2416

Protanomaly

31.7171, 35.7201, 20.5522

Deuteranomaly

33.2297, 35.1712, 21.5603

Tritanomaly

32.2694, 35.6879, 34.8934

Monochromacy



Original Color

29.4343, 35.6097, 21.2416

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.5154, 33.8370, 30.1222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4343, 35.6097, 21.2416 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, 168, 114)` looks like.

```
.text, #text, p{  
    color:rgb(149, 168, 114)  
}
```

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, 168, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 168, 114) }
```

Border

The CSS property to change the border of an element to XYZ 29.4343, 35.6097, 21.2416 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, 168, 114) }
```


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

```
.border{ border-color:rgb(149, 168, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 168, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 168, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 168, 114);  
box-shadow:4px 4px 4px 4px rgb(149, 168,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4343, 35.6097, 21.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 168, 114) }
```

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

```
.background{ background-color: rgb(149,  
168, 114) }
```

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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