

Converting Colors

XYZ(29.3622, 34.5251, 19.5845)

Have a look what the booklet for
XYZ(29.3622, 34.5251, 19.5845)
contains.

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Color

**XYZ(29.3622, 34.5251,
19.5845)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA46D
RGB	154, 164, 109
RGB Percent	60%, 64%, 43%
CMY	0.3961, 0.3568, 0.5725
CMYK	0.06, 0.00, 0.34, 0.36
HSL	71°, 23%, 54%
HSV	71°, 34%, 64%
XYZ	29.3622, 34.5251, 19.5845
YIQ	154.7400, 11.6950, -19.2250

Conversions

Conversions Part 2

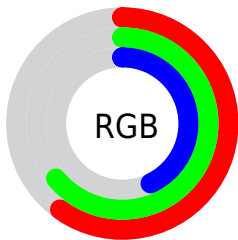
Format	Color
RYB	109, 164, 119
Decimal	10134637
CIELab	65.38, -12.76, 27.41
CIELCh	65, 30.234, 114.966
Yxy	34.5251, 0.3518, 0.4136
Android (android.graphics.Color)	4288324717 (0xFF9AA46D)
YUV	154.7400, -22.5498, -0.6490
Hunter-Lab	58.7581, -13.6277, 21.3688

Details

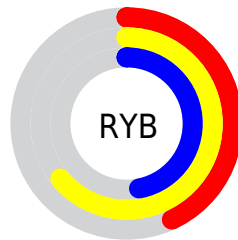
The XYZ color **29.3622, 34.5251, 19.5845** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.7787, 17.5405, 37.4672**, and the grayscale version is **31.1344, 32.7558, 35.6711**.

A 20% lighter version of the original color is **58.0590, 66.7916, 43.5502**, and **12.0893, 14.7394, 6.4828** is the 20% darker color. If you saturate the color by 10%, you get **28.0000, 33.9166, 15.3344**, and if you desaturate by 10%, it is **30.9050, 35.2098, 24.7044**.

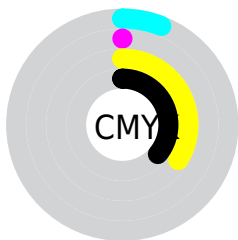
Distribution



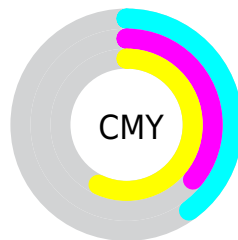
- Red (60%)
- Green (64%)
- Blue (43%)



- Red (43%)
- Yellow (64%)
- Blue (47%)



- Cyan (6%)
- Magenta (0%)
- Yellow (34%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3622, 34.5251, 19.5845 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 29.3622, 34.5251, 19.5845 by changing the saturation by 10% instead.

■ 29.3622, 34.5251,
19.5845

■ 29.3622, 34.5251,
19.5845

290.8836,
322.4672, 262.1862

■ 19.5006, 23.2973,
11.9123

■ 58.0456, 66.7494,
43.5692

■ 12.1387, 14.8132,
6.5622

■ 77.5982, 88.5147,
60.7189

■ 6.9111, 8.6884,
3.1156

■ 101.1119,
114.5613, 81.8647

■ 3.4524, 4.5385,
1.1539

■ 128.9520,
145.2735, 107.4253

■ 1.3973, 1.9791,
0.0000

161.4838,
181.0358, 137.8192

■ 0.2543, 0.5953,
0.0000

199.0728,

■ 0.0000, 0.0000,

222.2326, 173.4650

0.0000

242.0843,
269.2483, 214.7811

■ 29.3622, 34.5251,
19.5845

■ 29.3622, 34.5251,
19.5845

■ 28.0000, 33.9166,
15.3344

■ 30.9050, 35.2098,
24.7044

■ 26.8066, 33.3761,
11.9036

■ 32.6343, 35.9696,
30.7364

■ 25.7726, 32.9010,
9.2395

■ 34.5591, 36.8092,
37.7229

■ 24.8866, 32.4866,
7.2831

■ 36.6869, 37.7317,
45.7029

■ 24.1357, 32.1279,
5.9661

■ 39.0246, 38.7398,
54.7132

■ 23.5042, 31.8185,
5.2074

■ 41.5792, 39.8364,
64.7888

■ 23.1355, 31.6351,
4.8868

■ 44.3569, 41.0239,
75.9629

■ 47.3639, 42.3049,
88.2674

■ 50.3465, 43.5778,
100.3655

Harmonies

Analogous

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



33.5653, 34.5251, 18.2085



29.3622, 34.5251, 19.5845



26.3459, 34.5251, 25.2958

Triad

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



29.3622, 34.5251, 19.5845



28.1809, 34.5251, 61.2082



42.0144, 34.5251, 39.7649

Complementary

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



29.3622, 34.5251, 19.5845



19.7787, 17.5405, 37.4672

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.



40.2650, 34.5251, 53.3396



29.3622, 34.5251, 19.5845



32.0761, 34.5251, 67.3684

Square

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



29.3622, 34.5251, 19.5845



25.7079, 34.5251, 48.8106



36.5286, 34.5251, 64.2070



41.1244, 34.5251, 28.2392

Rectangle

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



29.3622, 34.5251, 19.5845



25.2833, 34.5251, 31.6341



36.5286, 34.5251, 64.2070



41.7113, 34.5251, 44.2545

Sweetspot

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



29.3631, 34.5266, 19.5852



60.3633, 65.7812, 59.8390



24.5695, 21.9938, 17.4188



13.0975, 14.3378, 12.7253



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.



29.3631, 34.5266, 19.5852



51.4792, 61.8563, 29.8282



24.8392, 32.1945, 19.3735



7.5225, 8.1718, 7.5609



17.7747, 24.2737, 3.7485



0.4045, 0.5260, 0.0802

Inverse Universe

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



19.7787, 17.5405, 37.4672



31.4701, 26.3783, 67.1852



23.9656, 19.6990, 37.6631



6.8151, 6.9190, 8.8794



5.5751, 2.2806, 27.0761



0.1486, 0.0641, 0.5704

Previews

White Background



This preview shows how the XYZ color 29.3622, 34.5251, 19.5845 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 29.3622, 34.5251, 19.5845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

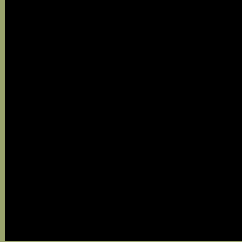
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.3622, 34.5251, 19.5845

Background



This preview shows how black text looks on a background with the XYZ color 29.3622, 34.5251, 19.5845.



This preview shows how white text looks on a background with the XYZ color 29.3622, 34.5251,

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

29.3622, 34.5251, 19.5845

Protanopia

31.8940, 34.2859, 18.8468

Deuteranopia

35.1391, 34.4451, 20.1258



Tritanopia

34.1187, 34.6599, 42.4279

Trichromacy



Original Color

29.3622, 34.5251, 19.5845

Protanomaly

30.7946, 34.2237, 19.1701

Deuteranomaly

32.6622, 34.1547, 19.9100

Tritanomaly

32.1353, 34.6191, 32.5922

Monochromacy



Original Color

29.3622, 34.5251, 19.5845

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.3319, 33.2573, 28.8654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3622, 34.5251, 19.5845 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(154, 164, 109)` looks like.

```
.text, #text, p{  
    color:rgb(154, 164, 109)  
}
```

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(154, 164, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 164, 109) }
```

Border

The CSS property to change the border of an element to XYZ 29.3622, 34.5251, 19.5845 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(154, 164, 109) }
```


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

```
.border{ border-color:rgb(154, 164, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 164, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 164, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 164, 109);  
box-shadow:4px 4px 4px 4px rgb(154, 164,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3622, 34.5251, 19.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 164, 109) }
```

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

```
.background{ background-color: rgb(154,  
164, 109) }
```

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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