

Converting Colors

XYZ(29.2604, 34.4263, 24.1721)

Have a look what the booklet for
XYZ(29.2604, 34.4263, 24.1721)
contains.

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Color

**XYZ(29.3080, 34.3957,
24.1631)**

Conversions

Conversions Part 1

Format	Color
Hex	95A47C
RGB	149, 164, 124
RGB Percent	58%, 64%, 49%
CMY	0.4157, 0.3568, 0.5137
CMYK	0.09, 0.00, 0.24, 0.36
HSL	83°, 18%, 56%
HSV	83°, 24%, 64%
XYZ	29.3080, 34.3957, 24.1631
YIQ	154.9550, 3.9000, -15.6200

Conversions

Conversions Part 2

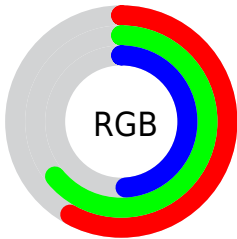
Format	Color
RYB	124, 164, 139
Decimal	9806972
CIELab	65.28, -12.53, 19.04
CIELCh	65, 22.797, 123.344
Yxy	34.3957, 0.3336, 0.3915
Android (android.graphics.Color)	4287997052 (0xFF95A47C)
YUV	154.9550, -15.2608, -5.2225
Hunter-Lab	58.6478, -13.4322, 16.6258

Details

The XYZ color **29.3080, 34.3957, 24.1631** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.5572, 22.5855, 38.1889**, and the grayscale version is **31.2007, 32.8256, 35.7471**.

A 20% lighter version of the original color is **57.8959, 66.5339, 51.3859**, and **12.1012, 14.6930, 8.8548** is the 20% darker color. If you saturate the color by 10%, you get **27.2634, 33.4528, 19.0964**, and if you desaturate by 10%, it is **31.5862, 35.4412, 30.1426**.

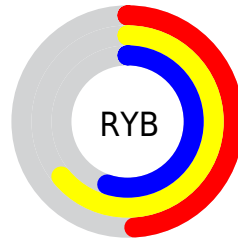
Distribution



Red (58%)

Green (64%)

Blue (49%)



Red (49%)

Yellow (64%)

Blue (55%)

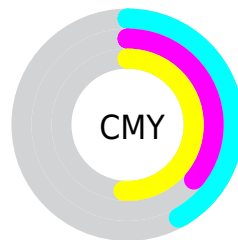


Cyan (9%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3080, 34.3957, 24.1631 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 29.3080, 34.3957, 24.1631 by changing the saturation by 10% instead.

■ 29.3080, 34.3957,
24.1631

■ 29.3080, 34.3957,
24.1631

290.6335,
321.8929, 286.9571

■ 19.4594, 23.1978,
15.2413

■ 57.9603, 66.5485,
51.2434

■ 12.1087, 14.7396,
8.8404

■ 77.4946, 88.2722,
70.2390

■ 6.8905, 8.6368,
4.5419

■ 100.9883,
114.2733, 93.4296

■ 3.4394, 4.5051,
1.9271

128.8066,
144.9361, 121.2338

■ 1.3902, 1.9599,
0.5099

161.3149,
180.6451, 154.0701

■ 0.2492, 0.5840,
0.0000

198.8786,

■ 0.0000, 0.0000,

221.7846, 192.3571

0.0000

241.8630,
268.7391, 236.5132

■ 29.3080, 34.3957,
24.1631

■ 29.3080, 34.3957,
24.1631

■ 27.2634, 33.4528,
19.0964

■ 31.5862, 35.4412,
30.1426

■ 25.4403, 32.6040,
14.8953

■ 34.1041, 36.5884,
37.0746

■ 23.8295, 31.8468,
11.5119

■ 36.8710, 37.8423,
44.9990

■ 22.4197, 31.1766,
8.8926

■ 39.8947, 39.2060,
53.9528

■ 21.1987, 30.5882,
6.9773

■ 43.1828, 40.6827,
63.9712

■ 20.1523, 30.0760,
5.6971

■ 46.7423, 42.2754,
75.0877

■ 19.2637, 29.6332,
4.9686

■ 50.5801, 43.9868,
87.3342

■ 18.8117, 29.4060,
4.6844

■ 54.6700, 45.8065,
100.5679

■ 56.3268, 46.6606,
100.6454

Harmonies

Analogous

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



32.3212, 34.3957, 22.0072



29.3080, 34.3957, 24.1631



27.3135, 34.3957, 29.8350

Triad

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



29.3080, 34.3957, 24.1631



29.9117, 34.3957, 56.2766



39.4862, 34.3957, 36.3949

Complementary

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



29.3080, 34.3957, 24.1631



24.5572, 22.5855, 38.1889

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.



38.7341, 34.3957, 46.2641



29.3080, 34.3957, 24.1631



33.0658, 34.3957, 58.8217

Square

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



29.3080, 34.3957, 24.1631



27.6451, 34.3957, 48.4231



36.3271, 34.3957, 54.8892



38.3187, 34.3957, 28.2759

Rectangle

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



29.3080, 34.3957, 24.1631



26.7539, 34.3957, 35.3723



36.3271, 34.3957, 54.8892



39.4498, 34.3957, 39.6097

Sweetspot

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



29.3089, 34.3972, 24.1638



60.6048, 65.8211, 63.6689



28.1336, 27.7177, 22.9365



13.1937, 14.3645, 13.7646



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.



29.3089, 34.3972, 24.1638



51.2327, 61.5278, 38.9168



26.0186, 32.7010, 24.0099



7.3907, 8.1039, 7.5548



14.4772, 22.5737, 3.5941



0.3540, 0.5000, 0.0778

Inverse Universe

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



24.5572, 22.5855, 38.1889



41.1693, 36.5063, 68.6289



28.1418, 24.4334, 38.3567



6.9398, 6.9833, 8.8852



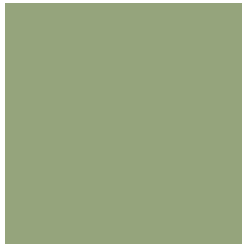
6.6869, 2.8537, 27.1282



0.1918, 0.0864, 0.5724

Previews

White Background



This preview shows how the XYZ color 29.3080, 34.3957, 24.1631 looks on a white background.

Color Contrast Check

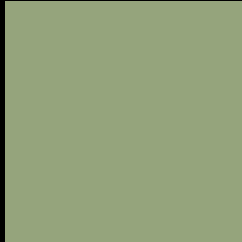
Large Text (above 18pt) WCAG AA × Fail

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 29.3080, 34.3957, 24.1631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

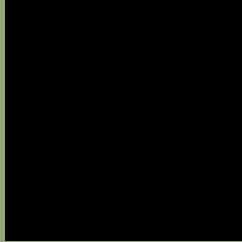
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.3080, 34.3957, 24.1631

Background



This preview shows how black text looks on a background with the XYZ color 29.3080, 34.3957, 24.1631.



This preview shows how white text looks on a background with the XYZ color 29.3080, 34.3957,

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

29.3080, 34.3957, 24.1631

Protanopia

32.0402, 34.2692, 23.0151

Deuteranopia

34.8262, 34.1791, 24.8404



Tritanopia

33.1929, 34.4239, 42.9252

Trichromacy



Original Color

29.3080, 34.3957, 24.1631

Protanomaly

30.9839, 34.2281, 23.3860

Deuteranomaly

32.4489, 33.9412, 24.5797

Tritanomaly

31.4574, 34.2138, 35.0829

Monochromacy



Original Color

29.3080, 34.3957, 24.1631

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.3978, 33.2396, 31.1993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3080, 34.3957, 24.1631 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(149, 164, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 164, 124) }
```

Border

The CSS property to change the border of an element to XYZ 29.3080, 34.3957, 24.1631 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, 124) }
```


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

```
.border{ border-color:rgb(149, 164, 124) }
```

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, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 164, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 164, 124);  
box-shadow:4px 4px 4px 4px rgb(149, 164,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3080, 34.3957, 24.1631 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, 124) }
```

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

```
.background{ background-color: rgb(149,  
164, 124) }
```

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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