

Converting Colors

XYZ(26.1029, 29.3448, 12.1442)

Have a look what the booklet for
XYZ(26.1029, 29.3448, 12.1442)
contains.

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Color

**XYZ(25.9430, 29.1569,
12.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9551
RGB	156, 149, 81
RGB Percent	61%, 58%, 32%
CMY	0.3882, 0.4157, 0.6823
CMYK	0.00, 0.04, 0.48, 0.39
HSL	54°, 32%, 46%
HSV	54°, 48%, 61%
XYZ	25.9430, 29.1569, 12.0451
YIQ	143.3410, 26.0000, -19.6640

Conversions

Conversions Part 2

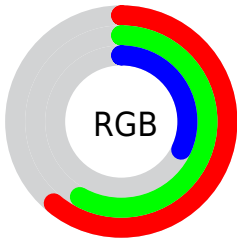
Format	Color
RYB	89, 156, 81
Decimal	10261841
CIELab	60.92, -7.21, 36.61
CIELCh	61, 37.315, 101.146
Yxy	29.1569, 0.3864, 0.4342
Android (android.graphics.Color)	4288451921 (0xFF9C9551)
YUV	143.3410, -30.7341, 11.1019
Hunter-Lab	53.9971, -8.7344, 24.5722

Details

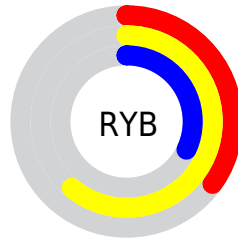
The XYZ color **25.9430, 29.1569, 12.0451** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.8838, 11.1288, 32.9216**, and the grayscale version is **26.3573, 27.7299, 30.1978**.

A 20% lighter version of the original color is **52.6722, 58.3749, 30.3212**, and **10.2357, 11.7287, 3.1632** is the 20% darker color. If you saturate the color by 10%, you get **25.1954, 28.4928, 9.2340**, and if you desaturate by 10%, it is **26.8293, 29.8832, 15.5662**.

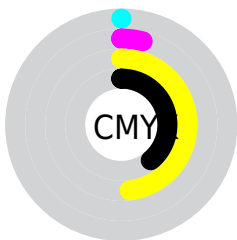
Distribution



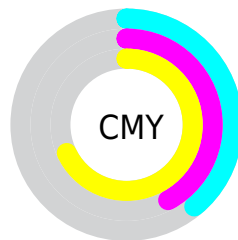
- Red (61%)
- Green (58%)
- Blue (32%)



- Red (35%)
- Yellow (61%)
- Blue (32%)



- Cyan (0%)
- Magenta (4%)
- Yellow (48%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9430, 29.1569, 12.0451 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 25.9430, 29.1569, 12.0451 by changing the saturation by 10% instead.

■ 25.9430, 29.1569,
12.0451

■ 25.9430, 29.1569,
12.0451

274.7640,
297.9545, 215.6921

■ 16.9135, 19.1995,
6.6515

■ 52.6149, 58.3263,
30.2428

■ 10.2677, 11.8146,
3.1700

■ 70.9880, 78.3071,
43.8841

■ 5.6405, 6.6175,
1.1821

■ 93.2064, 102.3978,
61.1115

■ 2.6663, 3.2241,
0.0000

■ 119.6353,
130.9829, 82.3439

■ 0.9798, 1.2498,
0.0000

■ 150.6402,
164.4467, 107.9995

■ 0.0000, 0.1018,
0.0000

186.5863,

■ 0.0000, 0.0000,

203.1737, 138.4971

0.0000

227.8392,
247.5482, 174.2551

■ 25.9430, 29.1569,
12.0451

■ 25.9430, 29.1569,
12.0451

■ 25.1954, 28.4928,
9.2340

■ 26.8293, 29.8832,
15.5662

■ 24.5751, 27.8832,
7.0820

■ 27.8606, 30.6710,
19.8400

■ 24.0722, 27.3251,
5.5342

■ 29.0454, 31.5249,
24.9079

■ 23.6745, 26.8136,
4.5262

■ 30.3910, 32.4478,
30.8078

■ 23.3594, 26.3397,
3.9391

■ 31.9040, 33.4423,
37.5753

■ 23.3014, 26.2501,
3.8387

■ 33.5909, 34.5110,
45.2437

■ 35.4576, 35.6563,
53.8446

■ 37.5099, 36.8806,
63.4082

■ 39.7533, 38.1861,
73.9633

Harmonies

Analogous

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



30.8478, 29.1569, 12.5403



25.9430, 29.1569, 12.0451



22.0007, 29.1569, 15.5411

Triad

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



25.9430, 29.1569, 12.0451



21.2470, 29.1569, 52.8451



37.5443, 29.1569, 41.2179

Complementary

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



25.9430, 29.1569, 12.0451



12.8838, 11.1288, 32.9216

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.



34.3367, 29.1569, 56.5039



25.9430, 29.1569, 12.0451



24.7977, 29.1569, 64.4586

Square

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



25.9430, 29.1569, 12.0451



19.5087, 29.1569, 37.2141



29.5612, 29.1569, 65.9651



37.9442, 29.1569, 26.8432

Rectangle

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



25.9430, 29.1569, 12.0451



20.2987, 29.1569, 20.4915



29.5612, 29.1569, 65.9651



36.7425, 29.1569, 46.5141

Sweetspot

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



25.9437, 29.1582, 12.0457



53.6480, 57.8799, 49.1288



18.4352, 13.6660, 11.0080



11.6996, 12.6632, 10.3513



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.9437, 29.1582, 12.0457



45.6304, 51.6276, 16.2968



21.9781, 28.8068, 12.1869



7.1173, 7.6145, 7.0803



19.2066, 21.6489, 3.1664



0.3573, 0.4148, 0.0612

Inverse Universe

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



12.8838, 11.1288, 32.9216



18.9560, 14.8201, 58.9882



15.4990, 11.6651, 32.8872



6.3321, 6.5299, 8.3333



5.0908, 2.2732, 26.0777



0.1039, 0.0663, 0.4706

Previews

White Background



This preview shows how the XYZ color 25.9430, 29.1569, 12.0451 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9430, 29.1569, 12.0451 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 × Fail

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

XYZ 25.9430, 29.1569, 12.0451

Background



This preview shows how black text looks on a background with the XYZ color 25.9430, 29.1569, 12.0451.



This preview shows how white text looks on a background with the XYZ color 25.9430, 29.1569,

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

25.9430, 29.1569, 12.0451

Protanopia

26.7820, 29.1280, 11.8001

Deuteranopia

29.5298, 28.9644, 12.2179



Tritanopia

30.2966, 29.1033, 33.7265

Trichromacy



Original Color

25.9430, 29.1569, 12.0451

Protanomaly

26.5351, 29.2326, 11.8333

Deuteranomaly

28.1400, 28.9120, 12.0801

Tritanomaly

28.2364, 28.9265, 23.8338

Monochromacy



Original Color

25.9430, 29.1569, 12.0451

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7283, 27.9028, 21.7990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9430, 29.1569, 12.0451 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(156, 149, 81)` looks like.

```
.text, #text, p{  
    color:rgb(156, 149, 81)  
}
```

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(156, 149, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 149, 81) }
```

Border

The CSS property to change the border of an element to XYZ 25.9430, 29.1569, 12.0451 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(156, 149, 81) }
```


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

```
.border{ border-color:rgb(156, 149, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 149, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 149, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 149, 81);  
box-shadow:4px 4px 4px 4px rgb(156, 149,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9430, 29.1569, 12.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 149, 81) }
```

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

```
.background{ background-color: rgb(156,  
149, 81) }
```

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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