

Converting Colors

XYZ(29.2184, 30.4236, 10.1267)

Have a look what the booklet for
XYZ(29.2184, 30.4236, 10.1267)
contains.

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Color

**XYZ(29.2184, 30.4236,
10.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9346
RGB	175, 147, 70
RGB Percent	69%, 58%, 27%
CMY	0.3137, 0.4235, 0.7255
CMYK	0.00, 0.16, 0.60, 0.31
HSL	44°, 43%, 48%
HSV	44°, 60%, 69%
XYZ	29.2184, 30.4236, 10.1267
YIQ	146.5940, 41.4050, -18.0110

Conversions

Conversions Part 2

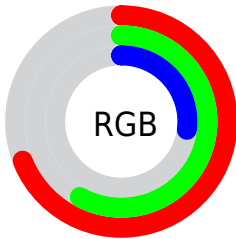
Format	Color
RYB	108, 175, 70
Decimal	11506502
CIELab	62.02, 1.17, 43.90
CIELCh	62, 43.914, 88.479
Yxy	30.4236, 0.4188, 0.4361
Android (android.graphics.Color)	4289696582 (0xFFAF9346)
YUV	146.5940, -37.7608, 24.9121
Hunter-Lab	55.1576, -1.9697, 27.7249

Details

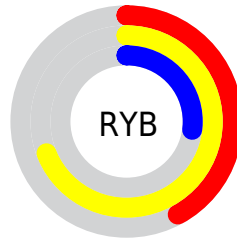
The XYZ color **29.2184, 30.4236, 10.1267** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **14.6312, 13.1321, 42.3208**, and the grayscale version is **27.7051, 29.1479, 31.7421**.

A 20% lighter version of the original color is **57.9421, 60.4774, 26.7086**, and **12.1380, 12.5895, 2.4064** is the 20% darker color. If you saturate the color by 10%, you get **28.0338, 28.8134, 7.3924**, and if you desaturate by 10%, it is **30.5948, 32.1600, 13.7197**.

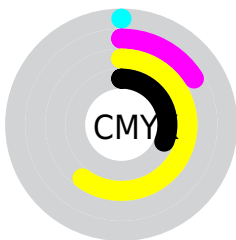
Distribution



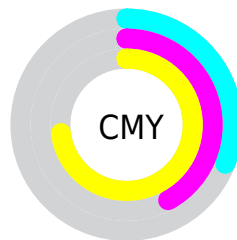
- Red (69%)
- Green (58%)
- Blue (27%)



- Red (42%)
- Yellow (69%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (60%)
- Black (31%)



- Cyan (31%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2184, 30.4236, 10.1267 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 29.2184, 30.4236, 10.1267 by changing the saturation by 10% instead.

■ 29.2184, 30.4236,
10.1267

■ 29.2184, 30.4236,
10.1267

290.2197,
303.8740, 202.0915

■ 19.3912, 20.1603,
5.3763

■ 57.8191, 60.3314,
26.6451

■ 12.0590, 12.5116,
2.4072

■ 77.3232, 80.7448,
39.2502

■ 6.8563, 7.0931,
0.7903

■ 100.7838,
105.3103, 55.3106

■ 3.4179, 3.5204,
0.0000

■ 128.5661,
134.4124, 75.2449

■ 1.3784, 1.4091,
0.0000

■ 161.0355,
168.4354, 99.4716

■ 0.2408, 0.2234,
0.0000

198.5573,

■ 0.0000, 0.0000,

207.7637, 128.4092

0.0000

241.4969,
252.7818, 162.4764

■ 29.2184, 30.4236,
10.1267

■ 29.2184, 30.4236,
10.1267

■ 28.0338, 28.8134,
7.3924

■ 30.5948, 32.1600,
13.7197

■ 27.0241, 27.3185,
5.4390

■ 32.1740, 34.0239,
18.2367

■ 26.1727, 25.9330,
4.1773

■ 33.9684, 36.0221,
23.7385

■ 25.4429, 24.6414,
3.4153

■ 35.9889, 38.1594,
30.2804

■ 25.4428, 24.6412,
3.4153

■ 38.2453, 40.4404,
37.9134

■ 40.7472, 42.8691,
46.6854

■ 43.5032, 45.4498,
56.6410

■ 46.5217, 48.1862,
67.8228

■ 49.8107, 51.0820,
80.2711

Harmonies

Analogous

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



35.2529, 30.4236, 12.4522



29.2184, 30.4236, 10.1267



23.8442, 30.4236, 12.0091

Triad

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



29.2184, 30.4236, 10.1267



20.0584, 30.4236, 51.1300



39.6886, 30.4236, 53.1477

Complementary

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



29.2184, 30.4236, 10.1267



14.6312, 13.1321, 42.3208

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.



34.6619, 30.4236, 70.6102



29.2184, 30.4236, 10.1267



23.3893, 30.4236, 69.1938

Square

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



29.2184, 30.4236, 10.1267



19.0062, 30.4236, 32.2726



28.6171, 30.4236, 77.2944



41.7838, 30.4236, 33.9946

Rectangle

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



29.2184, 30.4236, 10.1267



21.2372, 30.4236, 15.9380



28.6171, 30.4236, 77.2944



38.2548, 30.4236, 59.6229

Sweetspot

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



29.2191, 30.4251, 10.1273



65.1070, 69.0137, 56.3990



22.0741, 14.3764, 13.1671



14.2264, 15.0868, 11.7250



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.2191, 30.4251, 10.1273



49.5878, 50.7128, 11.9580



29.1054, 37.6336, 11.5247



8.4793, 8.9634, 8.4966



18.2730, 17.7514, 2.4633



0.5500, 0.5772, 0.0824

Inverse Universe

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



14.6312, 13.1321, 42.3208



21.2127, 17.1572, 74.8305



14.5958, 9.8820, 41.6954



7.7461, 8.0917, 10.1063



6.3040, 3.7418, 29.4345



0.2206, 0.1945, 0.8339

Previews

White Background



This preview shows how the XYZ color 29.2184, 30.4236, 10.1267 looks on a white background.

Color Contrast Check

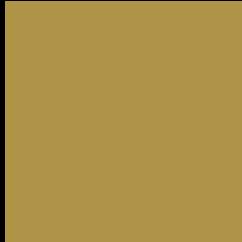
Large Text (above 18pt) WCAG AA × Fail

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 29.2184, 30.4236, 10.1267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

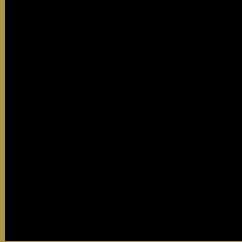
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2184, 30.4236, 10.1267

Background



This preview shows how black text looks on a background with the XYZ color 29.2184, 30.4236, 10.1267.



This preview shows how white text looks on a background with the XYZ color 29.2184, 30.4236,

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

29.2184, 30.4236, 10.1267

Protanopia

27.7696, 30.3746, 10.3605

Deuteranopia

30.9674, 30.4141, 10.1996



Tritanopia

33.8047, 30.2920, 32.4990

Trichromacy



Original Color

29.2184, 30.4236, 10.1267

Protanomaly

28.2470, 30.3848, 10.3373

Deuteranomaly

30.1666, 30.2252, 10.2053

Tritanomaly

31.5054, 29.9895, 21.8973

Monochromacy



Original Color

29.2184, 30.4236, 10.1267

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6681, 29.3674, 21.6630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2184, 30.4236, 10.1267 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(175, 147, 70)` looks like.

```
.text, #text, p{  
    color:rgb(175, 147, 70)  
}
```

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(175, 147, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 147, 70) }
```

Border

The CSS property to change the border of an element to XYZ 29.2184, 30.4236, 10.1267 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(175, 147, 70) }
```


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

```
.border{ border-color:rgb(175, 147, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 147, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 147, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 147, 70);  
box-shadow:4px 4px 4px 4px rgb(175, 147,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2184, 30.4236, 10.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 147, 70) }
```

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

```
.background{ background-color: rgb(175,  
147, 70) }
```

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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