

Converting Colors

XYZ(28.5053, 31.6359, 14.2768)

Have a look what the booklet for
XYZ(28.5053, 31.6359, 14.2768)
contains.

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Color

**XYZ(28.5053, 31.6359,
14.2768)**

Conversions

Conversions Part 1

Format	Color
Hex	A39A5A
RGB	163, 154, 90
RGB Percent	64%, 60%, 35%
CMY	0.3608, 0.3961, 0.6471
CMYK	0.00, 0.06, 0.45, 0.36
HSL	53°, 29%, 50%
HSV	53°, 45%, 64%
XYZ	28.5053, 31.6359, 14.2768
YIQ	149.3950, 25.9080, -17.9960

Conversions

Conversions Part 2

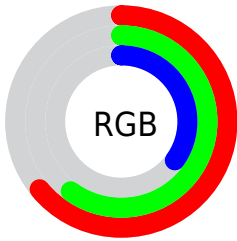
Format	Color
RYB	100, 163, 90
Decimal	10721882
CIELab	63.04, -6.01, 34.67
CIELCh	63, 35.188, 99.836
Yxy	31.6359, 0.3830, 0.4251
Android (android.graphics.Color)	4288911962 (0xFFA39A5A)
YUV	149.3950, -29.2817, 11.9316
Hunter-Lab	56.2458, -7.9666, 24.3226

Details

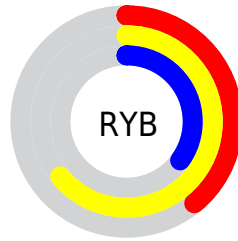
The XYZ color **28.5053, 31.6359, 14.2768** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2890, 13.7412, 36.4967**, and the grayscale version is **28.8462, 30.3484, 33.0494**.

A 20% lighter version of the original color is **56.5770, 62.0949, 34.2029**, and **11.6986, 13.1827, 4.1184** is the 20% darker color. If you saturate the color by 10%, you get **27.5578, 30.7320, 10.9054**, and if you desaturate by 10%, it is **29.6121, 32.6147, 18.4526**.

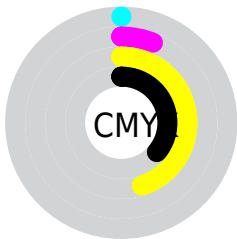
Distribution



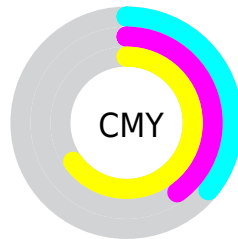
- Red (64%)
- Green (60%)
- Blue (35%)



- Red (39%)
- Yellow (64%)
- Blue (35%)



- Cyan (0%)
- Magenta (6%)
- Yellow (45%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5053, 31.6359, 14.2768 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 28.5053, 31.6359, 14.2768 by changing the saturation by 10% instead.

■ 28.5053, 31.6359,
14.2768

■ 28.5053, 31.6359,
14.2768

286.9101,
309.4573, 230.4341

■ 18.8493, 21.0835,
8.1725

■ 56.6932, 62.2399,
34.3035

■ 11.6648, 13.1851,
4.1162

■ 75.9558, 83.0603,
49.0630

■ 6.5864, 7.5561,
1.6893

■ 99.1513, 108.0721,
67.5447

■ 3.2488, 3.8123,
0.3534

■ 126.6451,
137.6598, 90.1670

■ 1.2867, 1.5691,
0.0000

158.8025,
172.2078, 117.3486

■ 0.1732, 0.3366,
0.0000

195.9889,

■ 0.0000, 0.0000,

212.1005, 149.5079

0.0000

238.5697,
257.7222, 187.0636

■ 28.5053, 31.6359,
14.2768

■ 28.5053, 31.6359,
14.2768

■ 27.5578, 30.7320,
10.9054

■ 29.6121, 32.6147,
18.4526

■ 26.7571, 29.8945,
8.2836

■ 30.8850, 33.6677,
23.4792

■ 26.0928, 29.1204,
6.3527

■ 32.3333, 34.7998,
29.4014

■ 25.5518, 28.4043,
5.0444

■ 33.9647, 36.0142,
36.2605

■ 25.1182, 27.7399,
4.2746

■ 35.7868, 37.3139,
44.0954

■ 24.9137, 27.4055,
3.9767

■ 37.8064, 38.7016,
52.9425

■ 40.0301, 40.1802,
62.8364

■ 42.4642, 41.7521,
73.8102

■ 45.1148, 43.4198,
85.8954

Harmonies

Analogous

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



33.3963, 31.6359, 14.9791



28.5053, 31.6359, 14.2768



24.4868, 31.6359, 17.7507

Triad

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



28.5053, 31.6359, 14.2768



23.4671, 31.6359, 54.5223



39.6903, 31.6359, 44.4870

Complementary

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



28.5053, 31.6359, 14.2768



15.2890, 13.7412, 36.4967

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.



36.4409, 31.6359, 59.2667



28.5053, 31.6359, 14.2768



26.9703, 31.6359, 66.0555

Square

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



28.5053, 31.6359, 14.2768



21.7915, 31.6359, 39.2083



31.6888, 31.6359, 67.9930



40.2149, 31.6359, 30.0860

Rectangle

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



28.5053, 31.6359, 14.2768



22.7115, 31.6359, 22.7028



31.6888, 31.6359, 67.9930



38.8651, 31.6359, 49.6686

Sweetspot

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



28.5061, 31.6374, 14.2775



58.3357, 62.6498, 54.4399



21.0480, 16.0141, 13.9711



12.9698, 13.9704, 11.6778



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.



28.5061, 31.6374, 14.2775



49.3201, 55.0049, 19.4148



25.1341, 32.1864, 14.5611



7.5746, 8.0876, 7.5419



19.3850, 21.3439, 3.0981



0.4268, 0.4875, 0.0716

Inverse Universe

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



15.2890, 13.7412, 36.4967



22.5406, 18.7628, 64.4897



17.5721, 13.7228, 36.3728



6.7676, 6.9941, 8.8964



5.3527, 2.4849, 27.1273



0.1318, 0.0909, 0.5765

Previews

White Background



This preview shows how the XYZ color 28.5053, 31.6359, 14.2768 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 28.5053, 31.6359, 14.2768 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 28.5053, 31.6359, 14.2768

Background



This preview shows how black text looks on a background with the XYZ color 28.5053, 31.6359, 14.2768.



This preview shows how white text looks on a background with the XYZ color 28.5053, 31.6359,

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

28.5053, 31.6359, 14.2768

Protanopia

29.1308, 31.7192, 14.0383

Deuteranopia

32.2182, 31.6448, 14.5352



Tritanopia

32.9423, 31.5381, 36.2495

Trichromacy



Original Color

28.5053, 31.6359, 14.2768

Protanomaly

28.9203, 31.6107, 14.0284

Deuteranomaly

30.7672, 31.5973, 14.3748

Tritanomaly

30.9174, 31.4038, 26.6223

Monochromacy



Original Color

28.5053, 31.6359, 14.2768

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2893, 30.5618, 24.8301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5053, 31.6359, 14.2768 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(163, 154, 90)` looks like.

```
.text, #text, p{  
    color:rgb(163, 154, 90)  
}
```

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(163, 154, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 154, 90) }
```

Border

The CSS property to change the border of an element to XYZ 28.5053, 31.6359, 14.2768 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(163, 154, 90) }
```


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

```
.border{ border-color:rgb(163, 154, 90) }
```

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

Here you see how a box with a 4 pixel rgb(163, 154, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 154, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 154, 90);  
box-shadow:4px 4px 4px 4px rgb(163, 154,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5053, 31.6359, 14.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 154, 90) }
```

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

```
.background{ background-color: rgb(163,  
154, 90) }
```

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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