

Converting Colors

XYZ(28.9350, 28.7262, 15.9855)

Have a look what the booklet for
XYZ(28.9350, 28.7262, 15.9855)
contains.

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Color

**XYZ(29.0587, 28.8541,
16.0944)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8D64
RGB	173, 141, 100
RGB Percent	68%, 55%, 39%
CMY	0.3216, 0.4470, 0.6078
CMYK	0.00, 0.18, 0.42, 0.32
HSL	34°, 31%, 54%
HSV	34°, 42%, 68%
XYZ	29.0587, 28.8541, 16.0944
YIQ	145.8940, 32.2330, -5.9670

Conversions

Conversions Part 2

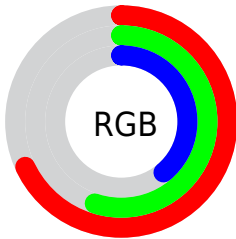
Format	Color
RYB	157, 173, 100
Decimal	11373924
CIELab	60.65, 6.43, 26.41
CIElCh	61, 27.185, 76.308
Yxy	28.8541, 0.3926, 0.3899
Android (android.graphics.Color)	4289564004 (0xFFAD8D64)
YUV	145.8940, -22.6257, 23.7720
Hunter-Lab	53.7160, 2.5600, 19.8367

Details

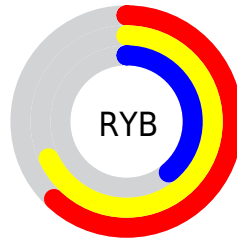
The XYZ color **29.0587, 28.8541, 16.0944** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.0493, 22.2281, 42.7161**, and the grayscale version is **27.3593, 28.7841, 31.3459**.

A 20% lighter version of the original color is **57.7341, 58.0876, 37.4473**, and **11.9914, 11.6612, 4.9870** is the 20% darker color. If you saturate the color by 10%, you get **27.2288, 26.3950, 11.7829**, and if you desaturate by 10%, it is **31.1444, 31.5402, 21.3690**.

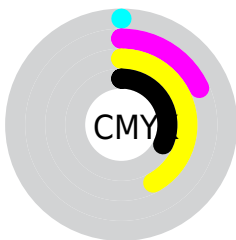
Distribution



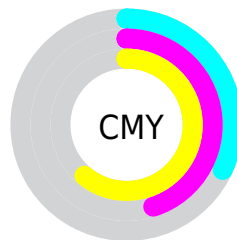
- Red (68%)
- Green (55%)
- Blue (39%)



- Red (62%)
- Yellow (68%)
- Blue (39%)



- Cyan (0%)
- Magenta (18%)
- Yellow (42%)
- Black (32%)





- Cyan (32%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0587, 28.8541, 16.0944 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 29.0587, 28.8541, 16.0944 by changing the saturation by 10% instead.


 29.0587, 28.8541,
16.0944


 29.0587, 28.8541,
16.0944


289.4810,
296.5259, 241.7628


 19.2697, 18.9705,
9.4359


 57.5672, 57.8452,
37.5311


 11.9705, 11.6489,
4.9259

 77.0175, 77.7215,
53.1463

 6.7957, 6.5051,
2.1459


 100.4190,
101.6974, 72.5843

 3.3798, 3.1546,
0.6429

 128.1370,
130.1574, 96.2634

 1.3577, 1.2130,
0.0000

160.5368,
163.4859, 124.6023

 0.2258, 0.0723,
0.0000

197.9838,

 0.0000, 0.0000,

202.0672, 158.0194

0.0000

240.8435,
246.2857, 196.9334

■ 29.0587, 28.8541,
16.0944

■ 29.0587, 28.8541,
16.0944

■ 27.2288, 26.3950,
11.7829

■ 31.1444, 31.5402,
21.3690

■ 25.6397, 24.1512,
8.3725

■ 33.4957, 34.4562,
27.6601

■ 24.2779, 22.1159,
5.7965

■ 36.1241, 37.6103,
35.0190

■ 23.1272, 20.2800,
3.9781

■ 39.0402, 41.0089,
43.4931

■ 22.1688, 18.6333,
2.8261

■ 42.2534, 44.6579,
53.1271

■ 21.5243, 17.4658,
2.2368

■ 45.7732, 48.5632,
63.9629

■ 49.6084, 52.7305,
76.0407

■ 53.7673, 57.1650,
89.3984

■ 58.1449, 61.8268,
103.4770

Harmonies

Analogous

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



32.3720, 28.8541, 19.3804



29.0587, 28.8541, 16.0944



25.5676, 28.8541, 16.2416

Triad

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



29.0587, 28.8541, 16.0944



21.4273, 28.8541, 37.1819



32.6168, 28.8541, 46.8028

Complementary

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



29.0587, 28.8541, 16.0944



21.0493, 22.2281, 42.7161

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.



29.3702, 28.8541, 53.9400



29.0587, 28.8541, 16.0944



23.0094, 28.8541, 47.6241

Square

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



29.0587, 28.8541, 16.0944



21.3595, 28.8541, 27.0480



25.8536, 28.8541, 54.2692



34.5420, 28.8541, 36.2332

Rectangle

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



29.0587, 28.8541, 16.0944



23.6086, 28.8541, 18.2406



25.8536, 28.8541, 54.2692



31.6319, 28.8541, 49.7733

Sweetspot

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



29.0594, 28.8555, 16.0950



64.1878, 66.7559, 61.2671



26.0142, 19.6881, 24.5653



13.7229, 14.2380, 12.6731



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.0594, 28.8555, 16.0950



48.8590, 47.4007, 21.3134



33.6812, 39.2810, 17.8637



8.3644, 8.7335, 8.4583



15.8705, 12.9466, 1.6625



0.4947, 0.4666, 0.0640

Inverse Universe

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



21.0493, 22.2281, 42.7161



32.5249, 33.8978, 75.6345



17.7686, 15.0539, 41.5043



7.8569, 8.3132, 10.1432



7.4862, 6.1062, 29.8286



0.2633, 0.2800, 0.8482

Previews

White Background



This preview shows how the XYZ color 29.0587, 28.8541, 16.0944 looks on a white background.

Color Contrast Check

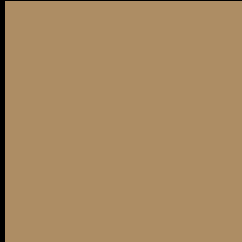
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0587, 28.8541, 16.0944 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 29.0587, 28.8541, 16.0944

Background



This preview shows how black text looks on a background with the XYZ color 29.0587, 28.8541, 16.0944.



This preview shows how white text looks on a background with the XYZ color 29.0587, 28.8541,

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

29.0587, 28.8541, 16.0944

Protanopia

26.7777, 28.7862, 16.7153

Deuteranopia

29.3575, 28.7902, 16.0664



Tritanopia

31.9837, 28.7504, 31.0578

Trichromacy



Original Color

29.0587, 28.8541, 16.0944

Protanomaly

27.4265, 28.6726, 16.4008

Deuteranomaly

29.1339, 28.6749, 16.0559

Tritanomaly

30.8126, 28.7064, 24.6858

Monochromacy



Original Color

29.0587, 28.8541, 16.0944

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6460, 28.5994, 24.8320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0587, 28.8541, 16.0944 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(173, 141, 100)` looks like.

```
.text, #text, p{  
    color:rgb(173, 141, 100)  
}
```

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(173, 141, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 141, 100) }
```

Border

The CSS property to change the border of an element to XYZ 29.0587, 28.8541, 16.0944 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(173, 141, 100) }
```


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

```
.border{ border-color:rgb(173, 141, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 141, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 141, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 141, 100);  
box-shadow:4px 4px 4px 4px rgb(173, 141,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0587, 28.8541, 16.0944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 141, 100) }
```

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

```
.background{ background-color: rgb(173,  
141, 100) }
```

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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