

Converting Colors

XYZ(29.2359, 27.9051, 14.3336)

Have a look what the booklet for
XYZ(29.2359, 27.9051, 14.3336)
contains.

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Color

**XYZ(29.1846, 27.8814,
14.4331)**

Conversions

Conversions Part 1

Format	Color
Hex	B2885E
RGB	178, 136, 94
RGB Percent	70%, 53%, 37%
CMY	0.3020, 0.4666, 0.6314
CMYK	0.00, 0.24, 0.47, 0.30
HSL	30°, 35%, 53%
HSV	30°, 47%, 70%
XYZ	29.1846, 27.8814, 14.4331
YIQ	143.7700, 38.5140, -4.1580

Conversions

Conversions Part 2

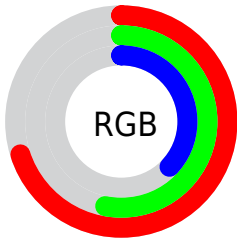
Format	Color
RYB	178, 178, 94
Decimal	11700318
CIELab	59.78, 10.68, 28.68
CIELCh	60, 30.604, 69.584
Yxy	27.8814, 0.4082, 0.3900
Android (android.graphics.Color)	4289890398 (0xFFB2885E)
YUV	143.7700, -24.5366, 30.0197
Hunter-Lab	52.8028, 6.2536, 20.7557

Details

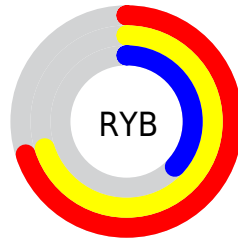
The XYZ color **29.1846, 27.8814, 14.4331** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.4557, 23.2014, 45.4668**, and the grayscale version is **26.5020, 27.8821, 30.3636**.

A 20% lighter version of the original color is **57.5694, 56.1017, 34.5825**, and **12.0093, 11.0718, 4.1934** is the 20% darker color. If you saturate the color by 10%, you get **27.2746, 25.1956, 10.2999**, and if you desaturate by 10%, it is **31.3843, 30.8518, 19.5721**.

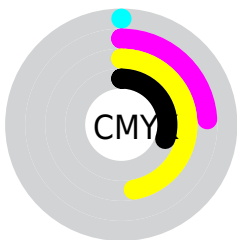
Distribution



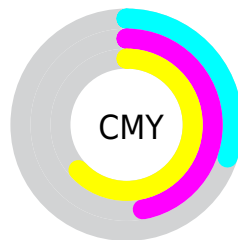
- Red (70%)
- Green (53%)
- Blue (37%)



- Red (70%)
- Yellow (70%)
- Blue (37%)



- Cyan (0%)
- Magenta (24%)
- Yellow (47%)
- Black (30%)





- Cyan (30%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1846, 27.8814, 14.4331 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 29.1846, 27.8814, 14.4331 by changing the saturation by 10% instead.


 29.1846, 27.8814,
14.4331


 29.1846, 27.8814,
14.4331


290.0635,
291.8998, 231.4301


 19.3655, 18.2363,
8.2803


 57.7658, 56.2950,
34.5837

 12.0402, 11.1198,
4.1845


 77.2586, 75.8323,
49.4185

 6.8435, 6.1474,
1.7271


 100.7066, 99.4358,
67.9845

 3.4099, 2.9349,
0.3792

 128.4753,
127.4899, 90.7002

 1.3740, 1.0979,
0.0000

160.9300,
160.3789, 117.9840

 0.2376, 0.0000,
0.0000

198.4360,

 0.0000, 0.0000,

198.4873, 150.2546

0.0000

241.3587,
242.1995, 187.9305

■ 29.1846, 27.8814,
14.4331

■ 29.1846, 27.8814,
14.4331

■ 27.2746, 25.1956,
10.2999

■ 31.3843, 30.8518,
19.5721

■ 25.6368, 22.7801,
7.1025

■ 33.8857, 34.1121,
25.7774

■ 24.2548, 20.6252,
4.7642

■ 36.7024, 37.6728,
33.1063

■ 23.1091, 18.7188,
3.1953

■ 39.8466, 41.5423,
41.6117

■ 22.1722, 17.0454,
2.2651

■ 43.3298, 45.7287,
51.3432

■ 21.9331, 16.6111,
2.0503

■ 47.1629, 50.2399,
62.3473

■ 51.3561, 55.0832,
74.6682

■ 55.9194, 60.2659,
88.3480

■ 60.8623, 65.7949,
103.4267

Harmonies

Analogous

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



32.6656, 27.8814, 18.6926



29.1846, 27.8814, 14.4331



25.2795, 27.8814, 13.8075

Triad

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



29.1846, 27.8814, 14.4331



19.8133, 27.8814, 34.0503



31.5359, 27.8814, 49.9453

Complementary

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



29.1846, 27.8814, 14.4331



21.4557, 23.2014, 45.4668

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.



27.7601, 27.8814, 56.6253



29.1846, 27.8814, 14.4331



21.1643, 27.8814, 46.0814

Square

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



29.1846, 27.8814, 14.4331



20.1146, 27.8814, 23.5082



23.9861, 27.8814, 55.0607



34.1122, 27.8814, 38.4241

Rectangle

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



29.1846, 27.8814, 14.4331



22.9904, 27.8814, 15.3289



23.9861, 27.8814, 55.0607



30.3506, 27.8814, 52.9450

Sweetspot

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



29.1853, 27.8827, 14.4337



68.1760, 70.3273, 64.3575



26.8068, 19.2482, 25.5951



14.8432, 15.2569, 13.5598



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.1853, 27.8827, 14.4337



49.2067, 45.3242, 18.1562



36.3008, 42.1138, 16.8055



8.8357, 9.1839, 8.9595



15.7564, 12.0114, 1.4880



0.5541, 0.4946, 0.0663

Inverse Universe

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



21.4557, 23.2014, 45.4668



33.4237, 35.7654, 81.5230



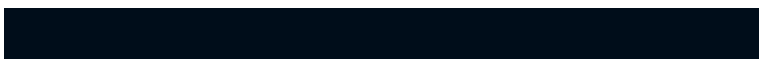
16.6549, 13.5997, 43.8666



8.3812, 8.9087, 10.7841



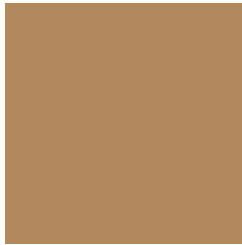
8.3683, 7.5369, 31.1507



0.3216, 0.3538, 0.9996

Previews

White Background



This preview shows how the XYZ color 29.1846, 27.8814, 14.4331 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 29.1846, 27.8814, 14.4331 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 29.1846, 27.8814, 14.4331

Background



This preview shows how black text looks on a background with the XYZ color 29.1846, 27.8814, 14.4331.



This preview shows how white text looks on a background with the XYZ color 29.1846, 27.8814,

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

29.1846, 27.8814, 14.4331

Protanopia

25.8412, 27.8775, 15.3282

Deuteranopia

28.5644, 27.9838, 14.4856



Tritanopia

32.0077, 27.8038, 28.4906

Trichromacy



Original Color

29.1846, 27.8814, 14.4331

Protanomaly

26.9460, 27.7868, 15.0095

Deuteranomaly

28.6452, 27.8134, 14.4484

Tritanomaly

30.8825, 27.7563, 22.4687

Monochromacy



Original Color

29.1846, 27.8814, 14.4331

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0011, 27.6240, 23.6475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1846, 27.8814, 14.4331 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(178, 136, 94)` looks like.

```
.text, #text, p{  
    color:rgb(178, 136, 94)  
}
```

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(178, 136, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 136, 94) }
```

Border

The CSS property to change the border of an element to XYZ 29.1846, 27.8814, 14.4331 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(178, 136, 94) }
```


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

```
.border{ border-color:rgb(178, 136, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 136, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 136, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 136, 94);  
box-shadow:4px 4px 4px 4px rgb(178, 136,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1846, 27.8814, 14.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 136, 94) }
```

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

```
.background{ background-color: rgb(178,  
136, 94) }
```

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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