

Converting Colors

XYZ(28.1550, 27.5659, 14.1927)

Have a look what the booklet for
XYZ(28.1550, 27.5659, 14.1927)
contains.

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Color

**XYZ(28.1550, 27.5659,
14.1927)**

Conversions

Conversions Part 1

Format	Color
Hex	AD895D
RGB	173, 137, 93
RGB Percent	68%, 54%, 36%
CMY	0.3216, 0.4627, 0.6353
CMYK	0.00, 0.21, 0.46, 0.32
HSL	33°, 33%, 52%
HSV	33°, 46%, 68%
XYZ	28.1550, 27.5659, 14.1927
YIQ	142.7480, 35.5800, -6.0520

Conversions

Conversions Part 2

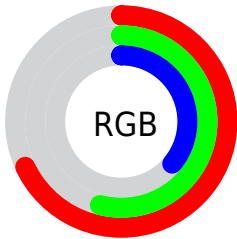
Format	Color
R_{YB}	158, 173, 93
Decimal	11372893
CIE Lab	59.49, 7.90, 28.76
CIE LCh	59, 29.822, 74.642
Yxy	27.5659, 0.4027, 0.3943
Android (android.graphics.Color)	4289562973 (0xFFAD895D)
YUV	142.7480, -24.5258, 26.5310
Hunter-Lab	52.5032, 3.8404, 20.7250

Details

The XYZ color **28.1550, 27.5659, 14.1927** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.9069, 21.0438, 42.5476**, and the grayscale version is **26.0933, 27.4521, 29.8954**.

A 20% lighter version of the original color is **56.0806, 55.6635, 34.1739**, and **11.5091, 10.9356, 4.0890** is the 20% darker color. If you saturate the color by 10%, you get **26.4070, 25.1606, 10.2478**, and if you desaturate by 10%, it is **30.1576, 30.2029, 19.0782**.

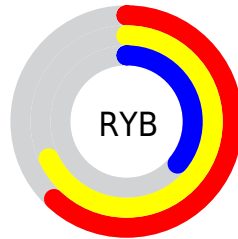
Distribution



Red (68%)

Green (54%)

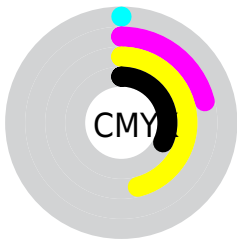
Blue (36%)



Red (62%)

Yellow (68%)

Blue (36%)

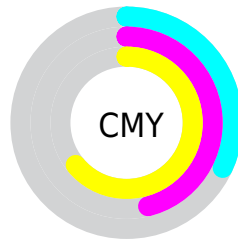


Cyan (0%)

Magenta (21%)

Yellow (46%)

Black (32%)



Cyan (32%)


Magenta (46%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1550, 27.5659, 14.1927 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 28.1550, 27.5659, 14.1927 by changing the saturation by 10% instead.


 28.1550, 27.5659,
14.1927


 28.1550, 27.5659,
14.1927


285.2735,
290.3868, 229.8963


 18.5836, 17.9987,
8.1145


 56.1387, 55.7906,
34.1526


 11.4720, 10.9490,
4.0795


 75.2817, 75.2169,
48.8714

 6.4549, 6.0326,
1.6691


 98.3460, 98.6984,
67.3075

 3.1669, 2.8649,
0.3394

 125.6969,
126.6194, 89.8794

 1.2426, 1.0616,
0.0000

157.6997,
159.3643, 117.0057

 0.1396, 0.0000,
0.0000

194.7198,

 0.0000, 0.0000,

197.3176, 149.1050

0.0000

237.1227,
240.8636, 186.5956

■ 28.1550, 27.5659,
14.1927

■ 28.1550, 27.5659,
14.1927

■ 26.4070, 25.1606,
10.2478

■ 30.1576, 30.2029,
19.0782

■ 24.8980, 22.9749,
7.1791

■ 32.4250, 33.0751,
24.9599

■ 23.6137, 21.0014,
4.9162

■ 34.9695, 36.1910,
31.8906

■ 22.5368, 19.2303,
3.3774

■ 37.8016, 39.5573,
39.9192

■ 21.6447, 17.6497,
2.4526

■ 40.9316, 43.1804,
49.0913

■ 21.3401, 17.0974,
2.1754

■ 44.3688, 47.0665,
59.4501

■ 48.1225, 51.2214,
71.0364

■ 52.2012, 55.6508,
83.8889

■ 56.6134, 60.3603,
98.0450

Harmonies

Analogous

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



31.6672, 27.5659, 17.7269



28.1550, 27.5659, 14.1927



24.4215, 27.5659, 14.1523

Triad

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



28.1550, 27.5659, 14.1927



19.8309, 27.5659, 35.5373



31.5951, 27.5659, 47.2156

Complementary

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



28.1550, 27.5659, 14.1927



19.9069, 21.0438, 42.5476

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.



28.0640, 27.5659, 54.7258



28.1550, 27.5659, 14.1927



21.4023, 27.5659, 46.9697

Square

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



28.1550, 27.5659, 14.1927



19.8502, 27.5659, 24.8757



24.3387, 27.5659, 54.6264



33.7786, 27.5659, 35.8165

Rectangle

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



28.1550, 27.5659, 14.1927



22.3154, 27.5659, 16.0402



24.3387, 27.5659, 54.6264



30.5123, 27.5659, 50.3873

Sweetspot

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



28.1557, 27.5672, 14.1933



63.6004, 65.9848, 59.8269



25.1104, 18.2981, 22.9775



13.6009, 14.0743, 12.3850



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.



28.1557, 27.5672, 14.1933



47.3760, 45.1773, 18.5299



33.2815, 39.1123, 16.1515



8.3566, 8.7181, 8.4557



15.7353, 12.6760, 1.6174



0.4914, 0.4599, 0.0629

Inverse Universe

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



19.9069, 21.0438, 42.5476



30.8481, 32.1183, 75.3794



16.3871, 13.3875, 41.2553



7.8645, 8.3284, 10.1457



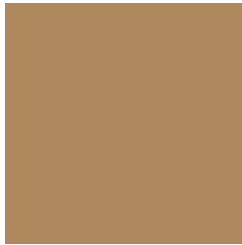
7.5900, 6.3139, 29.8632



0.2662, 0.2858, 0.8491

Previews

White Background



This preview shows how the XYZ color 28.1550, 27.5659, 14.1927 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 28.1550, 27.5659, 14.1927 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 28.1550, 27.5659, 14.1927

Background



This preview shows how black text looks on a background with the XYZ color 28.1550, 27.5659, 14.1927.



This preview shows how white text looks on a background with the XYZ color 28.1550, 27.5659,

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

28.1550, 27.5659, 14.1927

Protanopia

25.6441, 27.5574, 15.0338

Deuteranopia

28.1550, 27.5659, 14.1927



Tritanopia

31.0555, 27.5028, 28.8711

Trichromacy



Original Color

28.1550, 27.5659, 14.1927

Protanomaly

26.4907, 27.5574, 14.7494

Deuteranomaly

28.1550, 27.5659, 14.1927

Tritanomaly

29.9301, 27.4604, 22.7917

Monochromacy



Original Color

28.1550, 27.5659, 14.1927

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5530, 27.4004, 23.2914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1550, 27.5659, 14.1927 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, 137, 93)` looks like.

```
.text, #text, p{  
    color:rgb(173, 137, 93)  
}
```

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, 137, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 137, 93) }
```

Border

The CSS property to change the border of an element to XYZ 28.1550, 27.5659, 14.1927 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, 137, 93) }
```


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

```
.border{ border-color:rgb(173, 137, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 137, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 137, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 137, 93);  
box-shadow:4px 4px 4px 4px rgb(173, 137,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1550, 27.5659, 14.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 137, 93) }
```

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

```
.background{ background-color: rgb(173,  
137, 93) }
```

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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