

Converting Colors

XYZ(28.5903, 26.9773, 22.0137)

Have a look what the booklet for
XYZ(28.5903, 26.9773, 22.0137)
contains.

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Color

**XYZ(28.6155, 27.0014,
22.1159)**

Conversions

Conversions Part 1

Format	Color
Hex	AA867A
RGB	170, 134, 122
RGB Percent	67%, 53%, 48%
CMY	0.3333, 0.4745, 0.5216
CMYK	0.00, 0.21, 0.28, 0.33
HSL	15°, 22%, 57%
HSV	15°, 28%, 67%
XYZ	28.6155, 27.0014, 22.1159
YIQ	143.3960, 25.3080, 3.9000

Conversions

Conversions Part 2

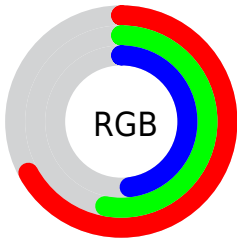
Format	Color
R_{YB}	170, 138, 122
Decimal	11175546
CIE _{Lab}	58.98, 11.94, 11.70
CIE _{LCh}	59, 16.721, 44.422
Yxy	27.0014, 0.3681, 0.3474
Android (android.graphics.Color)	4289365626 (0xFFAA867A)
YUV	143.3960, -10.5482, 23.3317
Hunter-Lab	51.9629, 7.3634, 11.1396

Details

The XYZ color **28.6155, 27.0014, 22.1159** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.5082, 31.4925, 42.6591**, and the grayscale version is **26.3011, 27.6708, 30.1336**.

A 20% lighter version of the original color is **56.7743, 54.7654, 47.6228**, and **11.7090, 10.6036, 7.7329** is the 20% darker color. If you saturate the color by 10%, you get **25.9959, 23.3030, 16.4926**, and if you desaturate by 10%, it is **31.6332, 31.2009, 28.7816**.

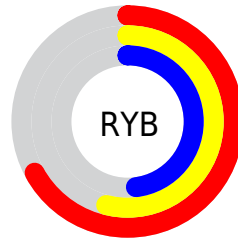
Distribution



Red (67%)

Green (53%)

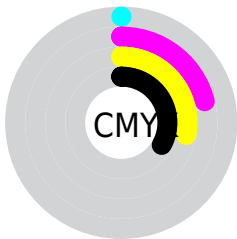
Blue (48%)



Red (67%)

Yellow (54%)

Blue (48%)

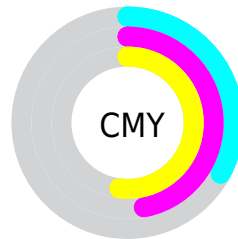


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6155, 27.0014, 22.1159 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 28.6155, 27.0014, 22.1159 by changing the saturation by 10% instead.

■ 28.6155, 27.0014,
22.1159

■ 28.6155, 27.0014,
22.1159

287.4235,
287.6639, 276.1242

■ 18.9330, 17.5743,
13.7430

■ 56.8674, 54.8861,
47.8421

■ 11.7256, 10.6448,
7.8054

■ 76.1675, 74.1125,
66.0325

■ 6.6280, 5.8285,
3.8847

■ 99.4042, 97.3741,
88.3324

■ 3.2748, 2.7411,
1.5623

126.9428,
125.0553, 115.1604

■ 1.3007, 0.9981,
0.2637

159.1487,
157.5404, 146.9350

■ 0.1837, 0.0000,
0.0000

196.3872,

■ 0.0000, 0.0000,

195.2140, 184.0749

0.0000

239.0236,
238.4604, 226.9984

■ 28.6155, 27.0014,
22.1159

■ 28.6155, 27.0014,
22.1159

■ 25.9959, 23.3030,
16.4926

■ 31.6332, 31.2009,
28.7816

■ 23.7553, 20.0831,
11.8571

■ 35.0630, 35.9156,
36.5373

■ 21.8758, 17.3227,
8.1520

■ 38.9208, 41.1637,
45.4297

■ 20.3375, 15.0004,
5.3136

■ 43.2208, 46.9614,
55.5022

■ 19.1181, 13.0927,
3.2698

■ 47.9767, 53.3241,
66.7961

■ 18.1925, 11.5737,
1.9370

■ 53.2017, 60.2667,
79.3503

■ 17.5234, 10.4114,
1.1722

■ 58.9082, 67.8035,
93.2025

■ 17.4239, 10.2386,
1.0579

■ 64.6213, 75.7535,
105.8237

■ 68.4238, 83.3585,
107.0912

Harmonies

Analogous

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



29.7185, 27.0014, 26.6491



28.6155, 27.0014, 22.1159



26.7487, 27.0014, 19.7229

Triad

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



28.6155, 27.0014, 22.1159



22.0149, 27.0014, 26.4413



26.6690, 27.0014, 41.8908

Complementary

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



28.6155, 27.0014, 22.1159



27.5082, 31.4925, 42.6591

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.



24.6090, 27.0014, 41.8154



28.6155, 27.0014, 22.1159



21.9961, 27.0014, 32.3338

Square

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



28.6155, 27.0014, 22.1159



22.9756, 27.0014, 21.9815



22.9228, 27.0014, 38.1298



28.5544, 27.0014, 38.3239

Rectangle

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



28.6155, 27.0014, 22.1159



25.3581, 27.0014, 19.4293



22.9228, 27.0014, 38.1298



25.9724, 27.0014, 42.3044

Sweetspot

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



28.6162, 27.0027, 22.1165



63.6775, 65.2462, 66.4285



29.7088, 24.9340, 35.5948



13.9843, 14.2546, 14.3211



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.



28.6162, 27.0027, 22.1165



48.8058, 44.6072, 33.4039



32.3174, 34.4051, 23.3502



7.6779, 7.8359, 7.8971



12.8558, 7.6089, 0.7911



0.3521, 0.2637, 0.0323

Inverse Universe

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



27.5082, 31.4925, 42.6591



46.4466, 54.1212, 77.0003



23.8071, 24.0903, 41.4254



7.5863, 8.2096, 9.6031



11.0124, 13.4850, 29.9979



0.3049, 0.4021, 0.7422

Previews

White Background



This preview shows how the XYZ color 28.6155, 27.0014, 22.1159 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 28.6155, 27.0014, 22.1159 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 28.6155, 27.0014, 22.1159

Background



This preview shows how black text looks on a background with the XYZ color 28.6155, 27.0014, 22.1159.



This preview shows how white text looks on a background with the XYZ color 28.6155, 27.0014,

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

28.6155, 27.0014, 22.1159

Protanopia

25.6516, 27.1483, 23.6268

Deuteranopia

27.5011, 27.0583, 21.8625



Tritanopia

29.9373, 26.9263, 28.8187

Trichromacy



Original Color

28.6155, 27.0014, 22.1159

Protanomaly

26.6446, 27.0138, 23.2119

Deuteranomaly

27.9812, 27.0958, 21.8444

Tritanomaly

29.3489, 26.8817, 26.1961

Monochromacy



Original Color

28.6155, 27.0014, 22.1159

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8881, 27.2777, 26.7696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6155, 27.0014, 22.1159 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(170, 134, 122)` looks like.

```
.text, #text, p{  
    color:rgb(170, 134, 122)  
}
```

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(170, 134, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 134, 122) }
```

Border

The CSS property to change the border of an element to XYZ 28.6155, 27.0014, 22.1159 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(170, 134, 122) }
```


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

```
.border{ border-color:rgb(170, 134, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 134, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 134, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 134, 122);  
box-shadow:4px 4px 4px 4px rgb(170, 134,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6155, 27.0014, 22.1159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 134, 122) }
```

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

```
.background{ background-color: rgb(170,  
134, 122) }
```

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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