

Converting Colors

XYZ(28.7876, 27.5777, 15.0598)

Have a look what the booklet for
XYZ(28.7876, 27.5777, 15.0598)
contains.

XYZ(28.8663, 27.7015, 15.1348)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.8663, 27.7015,
15.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	B08861
RGB	176, 136, 97
RGB Percent	69%, 53%, 38%
CMY	0.3098, 0.4666, 0.6196
CMYK	0.00, 0.23, 0.45, 0.31
HSL	30°, 33%, 54%
HSV	30°, 45%, 69%
XYZ	28.8663, 27.7015, 15.1348
YIQ	143.5140, 36.3590, -3.6490

Conversions

Conversions Part 2

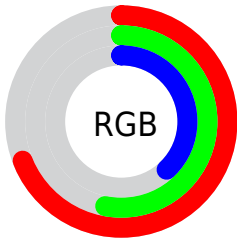
Format	Color
R_{YB}	176, 174, 97
Decimal	11569249
CIE _{Lab}	59.62, 10.15, 26.77
CIE _{LCh}	60, 28.633, 69.240
Yxy	27.7015, 0.4026, 0.3863
Android (android.graphics.Color)	4289759329 (0xFFB08861)
YUV	143.5140, -22.9314, 28.4902
Hunter-Lab	52.6322, 5.7925, 19.7933

Details

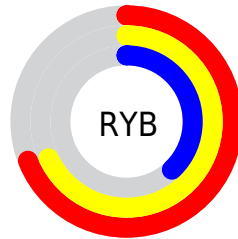
The XYZ color **28.8663, 27.7015, 15.1348** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.7115, 23.5663, 44.4786**, and the grayscale version is **26.3934, 27.7680, 30.2393**.

A 20% lighter version of the original color is **57.1472, 55.8569, 35.7865**, and **11.7887, 10.9508, 4.5100** is the 20% darker color. If you saturate the color by 10%, you get **26.9319, 25.0036, 10.8807**, and if you desaturate by 10%, it is **31.0885, 30.6836, 20.3837**.

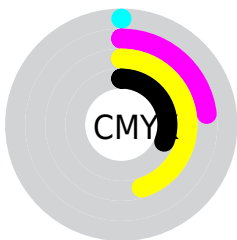
Distribution



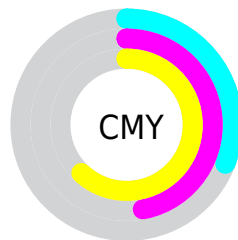
- Red (69%)
- Green (53%)
- Blue (38%)



- Red (69%)
- Yellow (68%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (45%)
- Black (31%)



- Cyan (31%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8663, 27.7015, 15.1348 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 28.8663, 27.7015, 15.1348 by changing the saturation by 10% instead.

■ 28.8663, 27.7015,
15.1348

■ 28.8663, 27.7015,
15.1348

288.5892,
291.0378, 235.8495

■ 19.1235, 18.1008,
8.7664

■ 57.2636, 56.0075,
35.8351

■ 11.8641, 11.0224,
4.4944

■ 76.6488, 75.4816,
51.0041

■ 6.7227, 6.0819,
1.9003

■ 99.9789, 99.0156,
69.9437

■ 3.3341, 2.8949,
0.4929

■ 127.6191,
126.9938, 93.0724

■ 1.3328, 1.0771,
0.0000

159.9349,
159.8008, 120.8088

■ 0.2076, 0.0000,
0.0000

197.2916,

■ 0.0000, 0.0000,

197.8209, 153.5714

0.0000

240.0546,
241.4384, 191.7788

■ 28.8663, 27.7015,
15.1348

■ 28.8663, 27.7015,
15.1348

■ 26.9319, 25.0036,
10.8807

■ 31.0885, 30.6836,
20.3837

■ 25.2686, 22.5759,
7.5547

■ 33.6099, 33.9552,
26.6847

■ 23.8607, 20.4091,
5.0846

■ 36.4438, 37.5264,
34.0929

■ 22.6897, 18.4915,
3.3862

■ 39.6020, 41.4056,
42.6589

■ 21.7336, 16.8096,
2.3576

■ 43.0954, 45.6008,
52.4301

■ 21.3041, 16.0295,
1.9712

■ 46.9348, 50.1195,
63.4514

■ 51.1299, 54.9692,
75.7653

■ 55.6906, 60.1569,
89.4121

■ 60.5612, 65.6637,
104.0902

Harmonies

Analogous

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



32.0775, 27.7015, 19.2569



28.8663, 27.7015, 15.1348



25.2309, 27.7015, 14.4922

Triad

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



28.8663, 27.7015, 15.1348



20.0573, 27.7015, 33.4671



30.9672, 27.7015, 48.3198

Complementary

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



28.8663, 27.7015, 15.1348



21.7115, 23.5663, 44.4786

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.



27.4595, 27.7015, 54.3358



28.8663, 27.7015, 15.1348



21.3126, 27.7015, 44.5603

Square

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



28.8663, 27.7015, 15.1348



20.3595, 27.7015, 23.6525



23.9458, 27.7015, 52.8217



33.3654, 27.7015, 37.7685

Rectangle

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



28.8663, 27.7015, 15.1348



23.0833, 27.7015, 15.9327



23.9458, 27.7015, 52.8217



29.8664, 27.7015, 51.0377

Sweetspot

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



28.8670, 27.7028, 15.1354



67.0058, 69.1883, 64.2616



26.7535, 19.6094, 26.3504



14.2647, 14.6757, 13.2416



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.8670, 27.7028, 15.1354



48.8264, 45.3206, 19.6930



35.3305, 40.6299, 17.2899



8.8313, 9.1750, 8.9580



15.6897, 11.8780, 1.4657



0.5521, 0.4906, 0.0656

Inverse Universe

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



21.7115, 23.5663, 44.4786



34.1661, 36.8439, 79.8061



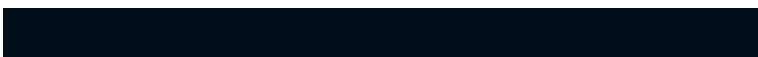
17.1639, 14.4711, 42.9627



8.3857, 8.9175, 10.7856



8.4360, 7.6723, 31.1733



0.3237, 0.3579, 1.0003

Previews

White Background



This preview shows how the XYZ color 28.8663, 27.7015, 15.1348 looks on a white background.

Color Contrast Check

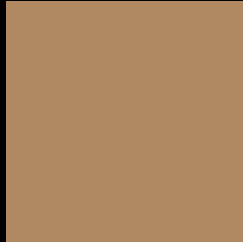
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8663, 27.7015, 15.1348 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 28.8663, 27.7015, 15.1348

Background



This preview shows how black text looks on a background with the XYZ color 28.8663, 27.7015, 15.1348.



This preview shows how white text looks on a background with the XYZ color 28.8663, 27.7015,

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

28.8663, 27.7015, 15.1348

Protanopia

25.7911, 27.8352, 16.0700

Deuteranopia

28.2594, 27.8107, 15.1878



Tritanopia

31.5386, 27.5620, 28.4687

Trichromacy



Original Color

28.8663, 27.7015, 15.1348

Protanomaly

26.8813, 27.7371, 15.7414

Deuteranomaly

28.3369, 27.6386, 15.1505

Tritanomaly

30.4798, 27.5415, 22.7784

Monochromacy



Original Color

28.8663, 27.7015, 15.1348

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0659, 27.6500, 23.9891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8663, 27.7015, 15.1348 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(176, 136, 97)` looks like.

```
.text, #text, p{  
    color:rgb(176, 136, 97)  
}
```

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(176, 136, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 136, 97) }
```

Border

The CSS property to change the border of an element to XYZ 28.8663, 27.7015, 15.1348 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(176, 136, 97) }
```


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

```
.border{ border-color:rgb(176, 136, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 136, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 136, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 136, 97);  
box-shadow:4px 4px 4px 4px rgb(176, 136,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8663, 27.7015, 15.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 136, 97) }
```

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

```
.background{ background-color: rgb(176,  
136, 97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor