

Converting Colors

XYZ(27.1643, 25.9280, 2.8403)

Have a look what the booklet for
XYZ(27.1643, 25.9280, 2.8403)
contains.

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Color

**XYZ(27.2740, 25.9103,
3.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	B68200
RGB	182, 130, 0
RGB Percent	71%, 51%, 0%
CMY	0.2863, 0.4902, 1.0000
CMYK	0.00, 0.29, 1.00, 0.29
HSL	43°, 100%, 36%
HSV	43°, 100%, 71%
XYZ	27.2740, 25.9103, 3.5637
YIQ	130.7280, 72.7220, -29.4060

Conversions

Conversions Part 2

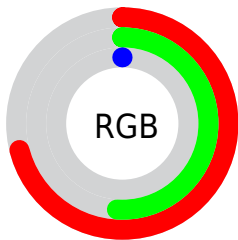
Format	Color
R_{YB}	73, 182, 0
Decimal	11960832
CIE _{Lab}	57.95, 11.03, 63.53
CIE _{LCh}	58, 64.479, 80.147
Yxy	25.9103, 0.4806, 0.4566
Android (android.graphics.Color)	4290150912 (0xFFB68200)
YUV	130.7280, -64.4489, 44.9655
Hunter-Lab	50.9022, 6.5637, 31.4806

Details

The XYZ color **27.2740, 25.9103, 3.5637** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.6717, 5.8338, 44.8718**, and the grayscale version is **21.6817, 22.8109, 24.8410**.

A 20% lighter version of the original color is **54.9698, 53.3513, 13.0308**, and **11.2546, 10.1699, 1.3698** is the 20% darker color. If you saturate the color by 10%, you get **27.2742, 25.9109, 3.5638**, and if you desaturate by 10%, it is **28.0947, 27.3745, 4.3843**.

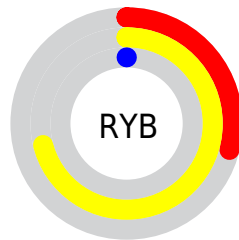
Distribution



Red (71%)

Green (51%)

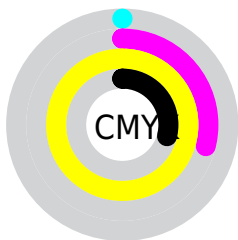
Blue (0%)



Red (29%)

Yellow (71%)

Blue (0%)

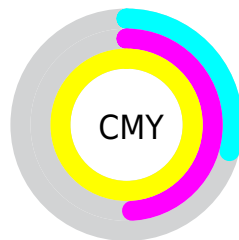


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2740, 25.9103, 3.5637 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 27.2740, 25.9103, 3.5637 by changing the saturation by 10% instead.

■ 27.2740, 25.9103,
3.5637

■ 27.2740, 25.9103,
3.5637

281.1248,
282.3415, 143.2449

■ 17.9168, 16.7565,
1.3892

■ 54.7400, 53.1302,
12.9903

■ 10.9896, 10.0611,
0.1333

■ 73.5795, 71.9651,
21.0795

■ 6.1271, 5.4395,
0.0000

■ 96.3105, 94.7959,
31.9773

■ 2.9639, 2.5073,
0.0000

■ 123.2983,
122.0070, 46.1023

■ 1.1347, 0.8803,
0.0000

■ 154.9082,
153.9826, 63.8731


■ 0.0538, 0.0000,
0.0000


■ 191.5057,


■ 0.0000, 0.0000,


191.1074, 85.7080


0.0000


 233.4561,
233.7655, 112.0258


 27.2740, 25.9103,
3.5637


 27.2740, 25.9103,
3.5637


 27.2742, 25.9109,
3.5638

 28.0947, 27.3745,
4.3843

 29.0532, 28.9495,
5.7586

 30.1894, 30.6530,
7.8910

 31.5226, 32.4936,
10.8807

 33.0690, 34.4786,
14.8117

■ 34.8432, 36.6144,
19.7580

■ 36.8583, 38.9071,
25.7859

■ 39.1262, 41.3622,
32.9565

■ 41.6579, 43.9847,
41.3258

Harmonies

Analogous

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



35.4991, 25.9103, 6.4596



27.2740, 25.9103, 3.5637



19.8299, 25.9103, 4.0878

Triad

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



27.2740, 25.9103, 3.5637



13.0923, 25.9103, 45.6703



37.9738, 25.9103, 65.4886

Complementary

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



27.2740, 25.9103, 3.5637



9.6717, 5.8338, 44.8718

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.



30.1413, 25.9103, 90.4902



27.2740, 25.9103, 3.5637



16.2377, 25.9103, 75.4765

Square

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



27.2740, 25.9103, 3.5637



12.6422, 25.9103, 21.5030



22.1570, 25.9103, 94.8819



42.4809, 25.9103, 36.1885

Rectangle

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



27.2740, 25.9103, 3.5637



16.1934, 25.9103, 6.5125



22.1570, 25.9103, 94.8819



35.5739, 25.9103, 75.2055

Sweetspot

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



27.2746, 25.9116, 3.5642



66.6261, 70.3187, 46.1401



19.9715, 10.2173, 4.4847



14.3665, 15.1388, 9.1314



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.2746, 25.9116, 3.5642



49.2370, 46.5540, 6.3908



28.5112, 39.5301, 6.1277



9.5275, 10.0580, 9.5461



19.3198, 18.4159, 2.5364



0.7311, 0.7492, 0.1061

Inverse Universe

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



9.6717, 5.8338, 44.8718



17.3602, 10.2277, 81.2949



9.1854, 3.7600, 44.4972



8.7245, 9.1263, 11.3811



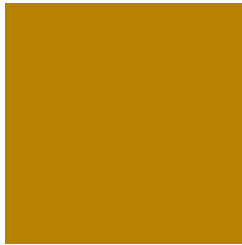
6.8799, 4.2194, 31.7049



0.2972, 0.2580, 1.1359

Previews

White Background



This preview shows how the XYZ color 27.2740, 25.9103, 3.5637 looks on a white background.

Color Contrast Check

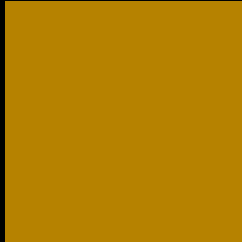
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2740, 25.9103, 3.5637 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 27.2740, 25.9103, 3.5637

Background



This preview shows how black text looks on a background with the XYZ color 27.2740, 25.9103, 3.5637.



This preview shows how white text looks on a background with the XYZ color 27.2740, 25.9103,

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

27.2740, 25.9103, 3.5637

Protanopia

23.5390, 26.0494, 4.1040

Deuteranopia

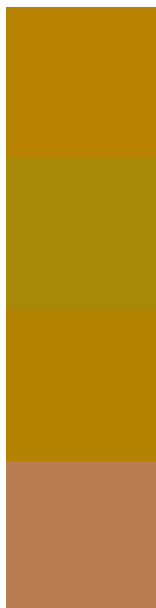
26.3827, 25.8496, 3.5990



Tritanopia

31.6057, 25.9778, 24.4675

Trichromacy



Original Color

27.2740, 25.9103, 3.5637

Protanomaly

24.7789, 25.8391, 3.8825

Deuteranomaly

26.7067, 25.8163, 3.5754

Tritanomaly

29.0187, 25.4789, 11.5721

Monochromacy



Original Color

27.2740, 25.9103, 3.5637

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2553, 23.3412, 11.5159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2740, 25.9103, 3.5637 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(182, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 130, 0)  
}
```

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(182, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 130, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.2740, 25.9103, 3.5637 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(182, 130, 0) }
```


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

```
.border{ border-color:rgb(182, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 130,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2740, 25.9103, 3.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 130, 0) }
```

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

```
.background{ background-color: rgb(182,  
130, 0) }
```

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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