

Converting Colors

XYZ(28.7476, 26.9287, 9.9875)

Have a look what the booklet for
XYZ(28.7476, 26.9287, 9.9875)
contains.

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Color

**XYZ(28.7453, 26.9287,
9.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	B68449
RGB	182, 132, 73
RGB Percent	71%, 52%, 29%
CMY	0.2863, 0.4823, 0.7137
CMYK	0.00, 0.27, 0.60, 0.29
HSL	32°, 43%, 50%
HSV	32°, 60%, 71%
XYZ	28.7453, 26.9287, 9.9860
YIQ	140.2240, 48.7390, -7.7490

Conversions

Conversions Part 2

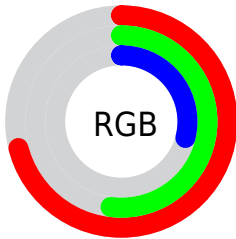
Format	Color
R_{YB}	165, 182, 73
Decimal	11961417
CIE _{Lab}	58.91, 12.74, 38.96
CIE _{LCh}	59, 40.989, 71.894
Yxy	26.9287, 0.4378, 0.4101
Android (android.graphics.Color)	4290151497 (0xFFB68449)
YUV	140.2240, -33.1414, 36.6376
Hunter-Lab	51.8929, 8.0650, 24.9155

Details

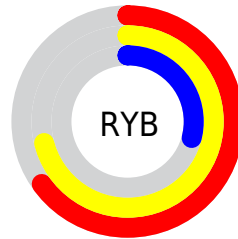
The XYZ color **28.7453, 26.9287, 9.9860** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.2737, 18.9588, 46.9521**, and the grayscale version is **25.1267, 26.4352, 28.7880**.

A 20% lighter version of the original color is **57.1997, 54.8288, 26.3071**, and **11.8729, 10.6923, 2.3578** is the 20% darker color. If you saturate the color by 10%, you get **27.1409, 24.5485, 6.8974**, and if you desaturate by 10%, it is **30.6181, 29.5633, 14.0357**.

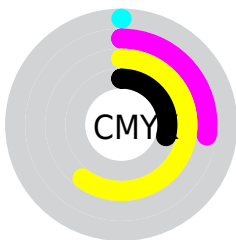
Distribution



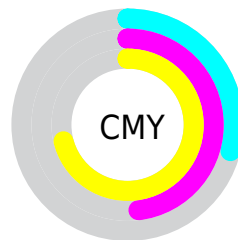
- Red (71%)
- Green (52%)
- Blue (29%)



- Red (65%)
- Yellow (71%)
- Blue (29%)



- Cyan (0%)
- Magenta (27%)
- Yellow (60%)
- Black (29%)




- Cyan (29%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7453, 26.9287, 9.9860 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 28.7453, 26.9287, 9.9860 by changing the saturation by 10% instead.


 28.7453, 26.9287,
9.9860


 28.7453, 26.9287,
9.9860


288.0272,
287.3117, 201.0533


 19.0315, 17.5197,
5.2842


 57.0725, 54.7694,
26.3766

 11.7972, 10.6057,
2.3533


 76.4167, 73.9699,
38.9024

 6.6770, 5.8024,
0.7609


 99.7018, 97.2031,
54.8733

 3.3054, 2.7253,
0.0000

 127.2930,
124.8532, 74.7079

 1.3173, 0.9900,
0.0000

 159.5558,
157.3047, 98.8246

 0.1961, 0.0000,
0.0000

196.8556,

 0.0000, 0.0000,

194.9421, 127.6421

0.0000

239.5576,
238.1496, 161.5788

■ 28.7453, 26.9287,
9.9860

■ 28.7453, 26.9287,
9.9860

■ 27.1409, 24.5485,
6.8974

■ 30.6181, 29.5633,
14.0357

■ 25.7851, 22.4083,
4.6838

■ 32.7735, 32.4582,
19.1193

■ 24.6575, 20.4974,
3.2464

■ 35.2266, 35.6235,
25.3042

■ 23.7178, 18.7962,
2.3837

■ 37.9910, 39.0677,
32.6517

■ 23.7080, 18.7783,
2.3750

■ 41.0790, 42.7988,
41.2185

■ 44.5025, 46.8244,
51.0576

■ 48.2725, 51.1518,
62.2188

■ 52.3997, 55.7878,
74.7493

■ 56.8941, 60.7393,
88.6938

Harmonies

Analogous

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



33.5581, 26.9287, 14.3510



28.7453, 26.9287, 9.9860



23.6380, 26.9287, 9.6090

Triad

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



28.7453, 26.9287, 9.9860



17.1924, 26.9287, 35.4590



32.6713, 26.9287, 55.3969

Complementary

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



28.7453, 26.9287, 9.9860



18.2737, 18.9588, 46.9521

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.



27.6569, 26.9287, 65.9993



28.7453, 26.9287, 9.9860



19.0031, 26.9287, 52.1916

Square

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



28.7453, 26.9287, 9.9860



17.4030, 26.9287, 21.4726



22.6836, 26.9287, 64.6636



36.0227, 26.9287, 38.8803

Rectangle

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



28.7453, 26.9287, 9.9860



20.7825, 26.9287, 11.4320



22.6836, 26.9287, 64.6636



31.0982, 26.9287, 59.9825

Sweetspot

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



28.7459, 26.9300, 9.9865



69.7251, 71.8666, 61.5087



25.3037, 16.1622, 20.8108



15.0591, 15.4550, 12.6579



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.



28.7459, 26.9300, 9.9865



48.3398, 43.1672, 11.0009



36.3748, 43.4452, 12.7722



9.3965, 9.7959, 9.5025



16.8095, 13.3954, 1.6996



0.6537, 0.5945, 0.0803

Inverse Universe

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



18.2737, 18.9588, 46.9521



27.6645, 27.4606, 84.0781



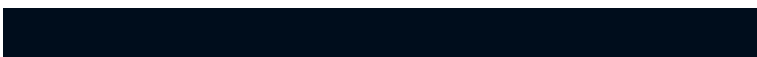
13.8573, 9.7053, 45.3988



8.8514, 9.3800, 11.4234



8.2380, 6.9358, 32.1576



0.3524, 0.3685, 1.1543

Previews

White Background



This preview shows how the XYZ color 28.7453, 26.9287, 9.9860 looks on a white background.

Color Contrast Check

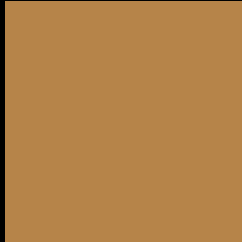
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7453, 26.9287, 9.9860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

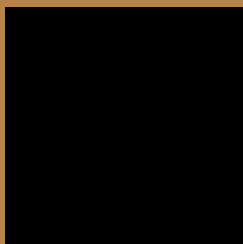
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7453, 26.9287, 9.9860

Background



This preview shows how black text looks on a background with the XYZ color 28.7453, 26.9287, 9.9860.



This preview shows how white text looks on a background with the XYZ color 28.7453, 26.9287,

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

28.7453, 26.9287, 9.9860

Protanopia

24.6878, 26.9357, 10.7354

Deuteranopia

27.5129, 26.9098, 9.8749



Tritanopia

32.1302, 26.9533, 26.0633

Trichromacy



Original Color

28.7453, 26.9287, 9.9860

Protanomaly

25.8755, 26.6843, 10.4434

Deuteranomaly

28.0549, 26.9831, 9.8605

Tritanomaly

30.6514, 26.9225, 18.9103

Monochromacy



Original Color

28.7453, 26.9287, 9.9860

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.6156, 26.1208, 20.2147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7453, 26.9287, 9.9860 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, 132, 73)` looks like.

```
.text, #text, p{  
    color:rgb(182, 132, 73)  
}
```

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, 132, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 132, 73) }
```

Border

The CSS property to change the border of an element to XYZ 28.7453, 26.9287, 9.9860 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, 132, 73) }
```


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

```
.border{ border-color:rgb(182, 132, 73) }
```

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

Here you see how a box with a 4 pixel rgb(182, 132, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 132, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 132, 73);  
box-shadow:4px 4px 4px 4px rgb(182, 132,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7453, 26.9287, 9.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 132, 73) }
```

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

```
.background{ background-color: rgb(182,  
132, 73) }
```

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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