

Converting Colors

XYZ(28.3583, 26.7739, 7.9482)

Have a look what the booklet for
XYZ(28.3583, 26.7739, 7.9482)
contains.

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Color

**XYZ(28.3583, 26.7739,
7.9482)**

Conversions

Conversions Part 1

Format	Color
Hex	B6843C
RGB	182, 132, 60
RGB Percent	71%, 52%, 24%
CMY	0.2863, 0.4823, 0.7647
CMYK	0.00, 0.27, 0.67, 0.29
HSL	35°, 50%, 47%
HSV	35°, 67%, 71%
XYZ	28.3583, 26.7739, 7.9482
YIQ	138.7420, 52.9120, -11.7920

Conversions

Conversions Part 2

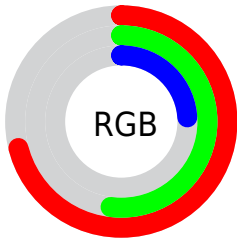
Format	Color
R_{YB}	145, 182, 60
Decimal	11961404
CIE Lab	58.76, 11.85, 45.32
CIE LCh	59, 46.841, 75.352
Yxy	26.7739, 0.4496, 0.4244
Android (android.graphics.Color)	4290151484 (0xFFB6843C)
YUV	138.7420, -38.8198, 37.9373
Hunter-Lab	51.7435, 7.2767, 27.1131

Details

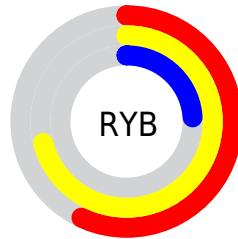
The XYZ color **28.3583, 26.7739, 7.9482** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **15.8826, 15.4892, 46.4083**, and the grayscale version is **24.5723, 25.8520, 28.1528**.

A 20% lighter version of the original color is **56.4391, 54.5245, 22.3015**, and **11.5891, 10.5618, 1.6288** is the 20% darker color. If you saturate the color by 10%, you get **26.9821, 24.6635, 5.5104**, and if you desaturate by 10%, it is **29.9736, 29.0977, 11.2824**.

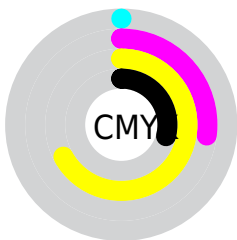
Distribution



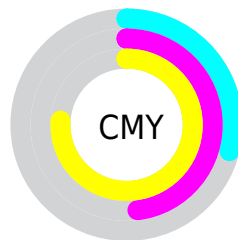
- Red (71%)
- Green (52%)
- Blue (24%)



- Red (57%)
- Yellow (71%)
- Blue (24%)



- Cyan (0%)
- Magenta (27%)
- Yellow (67%)
- Black (29%)



- Cyan (29%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3583, 26.7739, 7.9482 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 28.3583, 26.7739, 7.9482 by changing the saturation by 10% instead.

■ 28.3583, 26.7739,
7.9482

■ 28.3583, 26.7739,
7.9482

286.2242,
286.5607, 185.2446

■ 18.7378, 17.4035,
3.9745

■ 56.4606, 54.5208,
22.4013

■ 11.5838, 10.5226,
1.6114

■ 75.6731, 73.6661,
33.7179

■ 6.5311, 5.7468,
0.2989

■ 98.8137, 96.8386,
48.3191

■ 3.2144, 2.6917,
0.0000

■ 126.2476,
124.4224, 66.6235

■ 1.2681, 0.9730,
0.0000

■ 158.3402,
156.8022, 89.0498

■ 0.1592, 0.0000,
0.0000

■ 195.4570,

■ 0.0000, 0.0000,

194.3622, 116.0163

0.0000

237.9632,
237.4869, 147.9417

■ 28.3583, 26.7739,
7.9482

■ 28.3583, 26.7739,
7.9482

■ 26.9821, 24.6635,
5.5104

■ 29.9736, 29.0977,
11.2824

■ 25.8237, 22.7526,
3.8732

■ 31.8427, 31.6401,
15.5925

■ 24.8570, 21.0291,
2.9040

■ 33.9814, 34.4106,
20.9507

■ 24.5925, 20.5475,
2.6699

■ 36.4031, 37.4168,
27.4221

■ 39.1206, 40.6659,
35.0664

■ 42.1455, 44.1648,
43.9389

■ 45.4889, 47.9198,
54.0915

■ 49.1611, 51.9372,
65.5730

■ 53.1723, 56.2228,
78.4297

Harmonies

Analogous

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



34.0696, 26.7739, 11.8842



28.3583, 26.7739, 7.9482



22.6216, 26.7739, 7.9908

Triad

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



28.3583, 26.7739, 7.9482



16.1769, 26.7739, 38.4012



34.1868, 26.7739, 57.6739

Complementary

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



28.3583, 26.7739, 7.9482



15.8826, 15.4892, 46.4083

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.



28.5001, 26.7739, 71.7909



28.3583, 26.7739, 7.9482



18.4191, 26.7739, 58.1101

Square

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



28.3583, 26.7739, 7.9482



16.1509, 26.7739, 21.8316



22.7436, 26.7739, 71.9753



37.7642, 26.7739, 37.9498

Rectangle

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



28.3583, 26.7739, 7.9482



19.5522, 26.7739, 10.1554



22.7436, 26.7739, 71.9753



32.4233, 26.7739, 63.5131

Sweetspot

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



28.3589, 26.7752, 7.9487



69.2360, 71.7301, 58.7511



23.7674, 14.3210, 16.5027



14.9861, 15.4775, 12.1146



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.



28.3589, 26.7752, 7.9487



47.9645, 43.1742, 8.5405



34.5201, 42.5337, 10.6657



9.4332, 9.8694, 9.5147



17.4337, 14.6438, 1.9077



0.6739, 0.6348, 0.0870

Inverse Universe

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



15.8826, 15.4892, 46.4083



23.8562, 21.4499, 83.1186



12.5974, 7.9177, 45.1200



8.8152, 9.3077, 11.4114



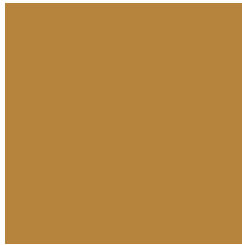
7.7817, 6.0231, 32.0055



0.3356, 0.3349, 1.1487

Previews

White Background



This preview shows how the XYZ color 28.3583, 26.7739, 7.9482 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 28.3583, 26.7739, 7.9482 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 28.3583, 26.7739, 7.9482

Background



This preview shows how black text looks on a background with the XYZ color 28.3583, 26.7739, 7.9482.



This preview shows how white text looks on a background with the XYZ color 28.3583, 26.7739,

7.9482.

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

28.3583, 26.7739, 7.9482

Protanopia

24.4748, 26.8730, 8.5997

Deuteranopia

27.3579, 26.8738, 7.8829



Tritanopia

32.0042, 26.7013, 26.0213

Trichromacy



Original Color

28.3583, 26.7739, 7.9482

Protanomaly

25.6839, 26.6317, 8.3442

Deuteranomaly

27.6746, 26.8309, 7.8580

Tritanomaly

30.2508, 26.5546, 17.4411

Monochromacy



Original Color

28.3583, 26.7739, 7.9482

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.1362, 25.7027, 18.3881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3583, 26.7739, 7.9482 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, 60)` looks like.

```
.text, #text, p{  
    color:rgb(182, 132, 60)  
}
```

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, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 132, 60) }
```

Border

The CSS property to change the border of an element to XYZ 28.3583, 26.7739, 7.9482 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, 60) }
```


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

```
.border{ border-color:rgb(182, 132, 60) }
```

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, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 132, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 132, 60);  
box-shadow:4px 4px 4px 4px rgb(182, 132,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3583, 26.7739, 7.9482 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, 60) }
```

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

```
.background{ background-color: rgb(182,  
132, 60) }
```

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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