

Converting Colors

XYZ(28.3364, 27.0141, 7.0652)

Have a look what the booklet for
XYZ(28.3364, 27.0141, 7.0652)
contains.

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Color

**XYZ(28.3215, 26.9772,
7.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	B68535
RGB	182, 133, 53
RGB Percent	71%, 52%, 21%
CMY	0.2863, 0.4784, 0.7921
CMYK	0.00, 0.27, 0.71, 0.29
HSL	37°, 55%, 46%
HSV	37°, 71%, 71%
XYZ	28.3215, 26.9772, 7.0826
YIQ	138.5310, 54.8840, -14.4920

Conversions

Conversions Part 2

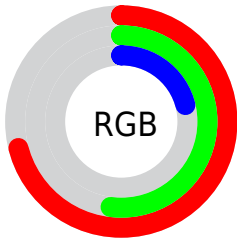
Format	Color
R_{YB}	132, 182, 53
Decimal	11961653
CIE _{Lab}	58.95, 10.89, 48.80
CIE _{LCh}	59, 49.995, 77.423
Yxy	26.9772, 0.4540, 0.4325
Android (android.graphics.Color)	4290151733 (0xFFB68535)
YUV	138.5310, -42.1668, 38.1223
Hunter-Lab	51.9396, 6.4378, 28.2728

Details

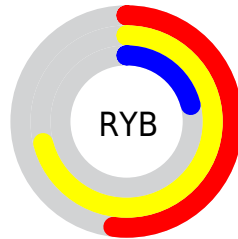
The XYZ color **28.3215, 26.9772, 7.0826** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **14.6628, 13.6364, 46.1148**, and the grayscale version is **24.5030, 25.7791, 28.0734**.

A 20% lighter version of the original color is **56.3332, 54.8181, 20.7086**, and **11.6278, 10.7006, 1.4526** is the 20% darker color. If you saturate the color by 10%, you get **27.0644, 25.0106, 4.9759**, and if you desaturate by 10%, it is **29.8011, 29.1346, 10.0482**.

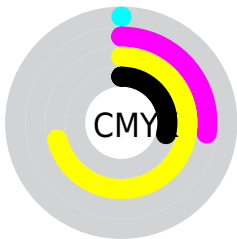
Distribution



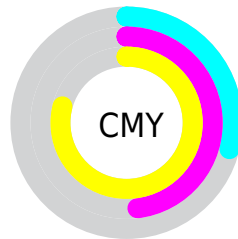
- Red (71%)
- Green (52%)
- Blue (21%)



- Red (52%)
- Yellow (71%)
- Blue (21%)



- Cyan (0%)
- Magenta (27%)
- Yellow (71%)
- Black (29%)





- Cyan (29%)
- Magenta (48%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3215, 26.9772, 7.0826 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 28.3215, 26.9772, 7.0826 by changing the saturation by 10% instead.


 28.3215, 26.9772,
7.0826


 28.3215, 26.9772,
7.0826


286.0523,
287.5467, 178.0052


 18.7098, 17.5561,
3.4346


 56.4024, 54.8473,
20.6549


 11.5636, 10.6318,
1.3206


 75.6023, 74.0650,
31.4162

 6.5173, 5.8198,
0.0786


 98.7291, 97.3172,
45.3858

 3.2057, 2.7358,
0.0000

 126.1480,
124.9880, 62.9820

 1.2635, 0.9954,
0.0000

 158.2244,
157.4620, 84.6236

 0.1556, 0.0000,
0.0000

 195.3237,

 0.0000, 0.0000,

195.1235, 110.7289

0.0000

237.8112,
238.3570, 141.7166

■ 28.3215, 26.9772,
7.0826

■ 28.3215, 26.9772,
7.0826

■ 27.0644, 25.0106,
4.9759

■ 29.8011, 29.1346,
10.0482

■ 26.0076, 23.2208,
3.6255

■ 31.5187, 31.4877,
13.9566

■ 25.1823, 21.7272,
2.8665

■ 33.4900, 34.0456,
18.8830

■ 35.7290, 36.8156,
24.8948

■ 38.2484, 39.8045,
32.0536

■ 41.0598, 43.0188,
40.4161

■ 44.1743, 46.4643,
50.0354

■ 47.6023, 50.1470,
60.9613

■ 51.3537, 54.0722,
73.2410

Harmonies

Analogous

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



34.5676, 26.9772, 10.7423



28.3215, 26.9772, 7.0826



22.2394, 26.9772, 7.3755

Triad

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



28.3215, 26.9772, 7.0826



15.8778, 26.9772, 40.8091



35.4433, 26.9772, 59.0036

Complementary

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



28.3215, 26.9772, 7.0826



14.6628, 13.6364, 46.1148

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.



29.3729, 26.9772, 75.3848



28.3215, 26.9772, 7.0826



18.4009, 26.9772, 62.3078

Square

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



28.3215, 26.9772, 7.0826



15.6893, 26.9772, 22.5577



23.1352, 26.9772, 76.7917



39.1022, 26.9772, 37.4403

Rectangle

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



28.3215, 26.9772, 7.0826



19.0662, 26.9772, 9.7656



23.1352, 26.9772, 76.7917



33.5763, 26.9772, 65.6185

Sweetspot

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



28.3221, 26.9785, 7.0831



69.1145, 71.8979, 57.4445



22.9852, 13.4597, 14.0746



14.9779, 15.5432, 11.8585



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.



28.3221, 26.9785, 7.0831



47.9603, 43.5015, 7.5039



33.2961, 41.9226, 9.7055



9.4559, 9.9147, 9.5223



17.8493, 15.4750, 2.0462



0.6869, 0.6609, 0.0914

Inverse Universe

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



14.6628, 13.6364, 46.1148



21.8296, 18.1084, 82.5804



12.1042, 7.1546, 44.9986



8.7932, 9.2636, 11.4040



7.5307, 5.5212, 31.9218



0.3259, 0.3156, 1.1455

Previews

White Background



This preview shows how the XYZ color 28.3215, 26.9772, 7.0826 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 28.3215, 26.9772, 7.0826 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 28.3215, 26.9772, 7.0826

Background



This preview shows how black text looks on a background with the XYZ color 28.3215, 26.9772, 7.0826.



This preview shows how white text looks on a background with the XYZ color 28.3215, 26.9772,

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

28.3215, 26.9772, 7.0826

Protanopia

24.6849, 27.0025, 7.6523

Deuteranopia

27.4153, 26.9230, 7.0005



Tritanopia

32.3757, 27.0798, 26.0748

Trichromacy



Original Color

28.3215, 26.9772, 7.0826

Protanomaly

25.8586, 26.9566, 7.4547

Deuteranomaly

27.7353, 26.8818, 6.9757

Tritanomaly

30.5187, 26.8974, 16.9478

Monochromacy



Original Color

28.3215, 26.9772, 7.0826

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.1700, 25.9426, 17.8682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3215, 26.9772, 7.0826 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, 133, 53)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 53)  
}
```

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, 133, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 53) }
```

Border

The CSS property to change the border of an element to XYZ 28.3215, 26.9772, 7.0826 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, 133, 53) }
```


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

```
.border{ border-color:rgb(182, 133, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 133, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 133, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 133, 53);  
box-shadow:4px 4px 4px 4px rgb(182, 133,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3215, 26.9772, 7.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 53) }
```

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

```
.background{ background-color: rgb(182,  
133, 53) }
```

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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