

Converting Colors

XYZ(29.5432, 27.0277, 8.1161)

Have a look what the booklet for
XYZ(29.5432, 27.0277, 8.1161)
contains.

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Color

**XYZ(29.5640, 26.9936,
8.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	BC823D
RGB	188, 130, 61
RGB Percent	74%, 51%, 24%
CMY	0.2627, 0.4902, 0.7608
CMYK	0.00, 0.31, 0.68, 0.26
HSL	33°, 51%, 49%
HSV	33°, 68%, 74%
XYZ	29.5640, 26.9936, 8.0670
YIQ	139.4760, 56.7170, -9.1630

Conversions

Conversions Part 2

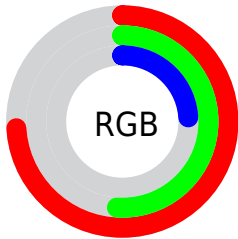
Format	Color
RYB	168, 188, 61
Decimal	12354109
CIELab	58.97, 15.64, 45.26
CIElCh	59, 47.880, 70.940
Yxy	26.9936, 0.4575, 0.4177
Android (android.graphics.Color)	4290544189 (0xFFBC823D)
YUV	139.4760, -38.6887, 42.5555
Hunter-Lab	51.9554, 10.6494, 27.1629

Details

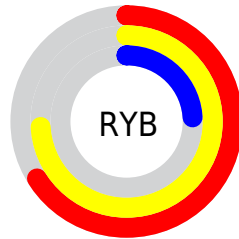
The XYZ color **29.5640, 26.9936, 8.0670** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.5980, 17.8157, 50.0879**, and the grayscale version is **24.8545, 26.1488, 28.4761**.

A 20% lighter version of the original color is **58.5141, 54.9711, 22.5654**, and **12.3518, 10.7299, 1.6785** is the 20% darker color. If you saturate the color by 10%, you get **28.0490, 24.6371, 5.4866**, and if you desaturate by 10%, it is **31.3530, 29.6144, 11.6148**.

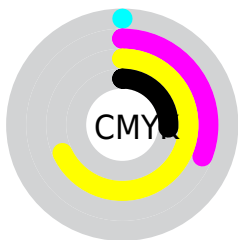
Distribution



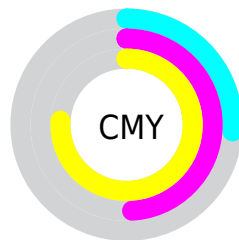
- Red (74%)
- Green (51%)
- Blue (24%)



- Red (66%)
- Yellow (74%)
- Blue (24%)



- Cyan (0%)
- Magenta (31%)
- Yellow (68%)
- Black (26%)





- Cyan (26%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5640, 26.9936, 8.0670 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 29.5640, 26.9936, 8.0670 by changing the saturation by 10% instead.


 29.5640, 26.9936,
8.0670


 29.5640, 26.9936,
8.0670


291.8133,
287.6261, 186.2108


 19.6543, 17.5684,
4.0495


 58.3634, 54.8736,
22.6380

 12.2508, 10.6406,
1.6525


 77.9837, 74.0972,
34.0286


 6.9881, 5.8257,
0.3279


 101.5717, 97.3557,
48.7139

 3.5010, 2.7394,
0.0000

 129.4927,
125.0336, 67.1125

 1.4239, 0.9972,
0.0000

 162.1120,
157.5152, 89.6430

 0.2731, 0.0000,
0.0000

 199.7949,

 0.0000, 0.0000,

195.1848, 116.7238

0.0000

242.9069,
238.4270, 148.7736

■ 29.5640, 26.9936,
8.0670

■ 29.5640, 26.9936,
8.0670

■ 28.0490, 24.6371,
5.4866

■ 31.3530, 29.6144,
11.6148

■ 26.7844, 22.5283,
3.7686

■ 33.4331, 32.5067,
16.2172

■ 25.7397, 20.6524,
2.7619

■ 35.8218, 35.6818,
21.9531

■ 25.5049, 20.2232,
2.5592

■ 38.5347, 39.1495,
28.8935

■ 41.5858, 42.9186,
37.1035

■ 44.9886, 46.9976,
46.6435

■ 48.7556, 51.3946,
57.5700

■ 52.8985, 56.1173,
69.9361

■ 57.4288, 61.1731,
83.7923

Harmonies

Analogous

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



35.2720, 26.9936, 12.7634



29.5640, 26.9936, 8.0670



23.5524, 26.9936, 7.5720

Triad

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



29.5640, 26.9936, 8.0670



16.0091, 26.9936, 36.0363



33.8790, 26.9936, 61.6125

Complementary

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



29.5640, 26.9936, 8.0670



17.5980, 17.8157, 50.0879

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.



27.8825, 26.9936, 74.5378



29.5640, 26.9936, 8.0670



17.9698, 26.9936, 56.4099

Square

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



29.5640, 26.9936, 8.0670



16.3162, 26.9936, 19.9636



22.1096, 26.9936, 72.3339



38.0164, 26.9936, 41.3998

Rectangle

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



29.5640, 26.9936, 8.0670



20.2282, 26.9936, 9.3349



22.1096, 26.9936, 72.3339



31.9784, 26.9936, 67.2498

Sweetspot

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



29.5646, 26.9950, 8.0675



73.7709, 75.8325, 62.8781



25.8142, 15.3916, 19.4649



15.5267, 15.8917, 12.6106



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.5646, 26.9950, 8.0675



49.6868, 42.7719, 8.2750



38.5367, 46.4647, 11.3527



9.9480, 10.3721, 10.0543



17.4403, 13.9193, 1.7675



0.7478, 0.6745, 0.0908

Inverse Universe

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



17.5980, 17.8157, 50.0879



26.5552, 25.0819, 89.6679



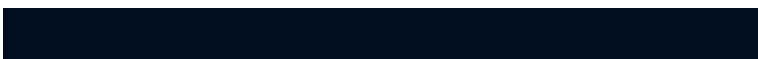
12.9415, 8.1004, 48.4581



9.3657, 9.9238, 12.0941



8.5103, 7.1323, 33.3210



0.3988, 0.4102, 1.3270

Previews

White Background



This preview shows how the XYZ color 29.5640, 26.9936, 8.0670 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 29.5640, 26.9936, 8.0670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

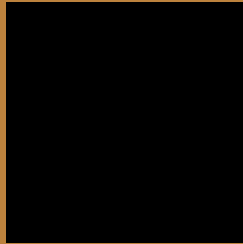
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5640, 26.9936, 8.0670

Background



This preview shows how black text looks on a background with the XYZ color 29.5640, 26.9936, 8.0670.



This preview shows how white text looks on a background with the XYZ color 29.5640, 26.9936,

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

29.5640, 26.9936, 8.0670

Protanopia

24.7277, 26.9968, 8.9086

Deuteranopia

27.6110, 27.0013, 8.0315



Tritanopia

33.1167, 26.9225, 25.2809

Trichromacy



Original Color

29.5640, 26.9936, 8.0670

Protanomaly

26.3761, 26.9821, 8.6684

Deuteranomaly

28.2592, 26.9251, 7.9826

Tritanomaly

31.4210, 26.7842, 17.1495

Monochromacy



Original Color

29.5640, 26.9936, 8.0670

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.5780, 25.9241, 18.6947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5640, 26.9936, 8.0670 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(188, 130, 61)` looks like.

```
.text, #text, p{  
    color:rgb(188, 130, 61)  
}
```

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(188, 130, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 130, 61) }
```

Border

The CSS property to change the border of an element to XYZ 29.5640, 26.9936, 8.0670 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(188, 130, 61) }
```


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

```
.border{ border-color:rgb(188, 130, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 130, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 130, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 130, 61);  
box-shadow:4px 4px 4px 4px rgb(188, 130,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5640, 26.9936, 8.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 130, 61) }
```

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

```
.background{ background-color: rgb(188,  
130, 61) }
```

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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