

Converting Colors

XYZ(27.9004, 26.2802, 1.5821)

Have a look what the booklet for
XYZ(27.9004, 26.2802, 1.5821)
contains.

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Color

**XYZ(28.2323, 26.4044,
3.6085)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8200
RGB	186, 130, 0
RGB Percent	73%, 51%, 0%
CMY	0.2706, 0.4902, 1.0000
CMYK	0.00, 0.30, 1.00, 0.27
HSL	42°, 100%, 36%
HSV	42°, 100%, 73%
XYZ	28.2323, 26.4044, 3.6085
YIQ	131.9240, 75.1060, -28.5580

Conversions

Conversions Part 2

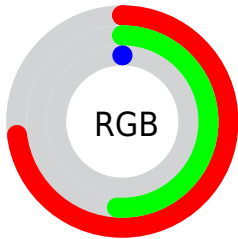
Format	Color
R _Y B	80, 186, 0
Decimal	12222976
CIE Lab	58.42, 12.84, 64.07
CIE LCh	58, 65.340, 78.668
Yxy	26.4044, 0.4847, 0.4533
Android (android.graphics.Color)	4290413056 (0xFFBA8200)
YUV	131.9240, -65.0385, 47.4247
Hunter-Lab	51.3852, 8.1482, 31.8060

Details

The XYZ color **28.2323, 26.4044, 3.6085** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.2771, 6.3736, 47.1424**, and the grayscale version is **22.1139, 23.2655, 25.3362**.

A 20% lighter version of the original color is **56.3654, 54.0708, 13.0962**, and **11.6948, 10.3969, 1.3904** is the 20% darker color. If you saturate the color by 10%, you get **28.2325, 26.4051, 3.6087**, and if you desaturate by 10%, it is **29.1123, 27.9820, 4.4653**.

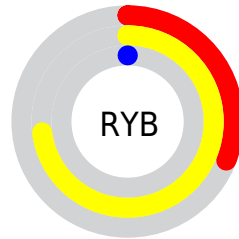
Distribution



Red (73%)

Green (51%)

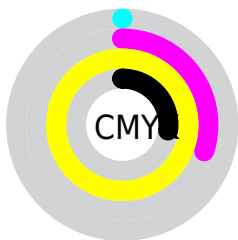
Blue (0%)



Red (31%)

Yellow (73%)

Blue (0%)

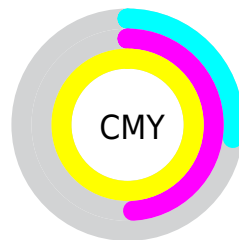


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2323, 26.4044, 3.6085 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 28.2323, 26.4044, 3.6085 by changing the saturation by 10% instead.


 28.2323, 26.4044,
3.6085


 28.2323, 26.4044,
3.6085


285.6353,
284.7616, 143.7690


 18.6422, 17.1264,
1.4131


 56.2612, 53.9266,
13.0963


 11.5145, 10.3247,
0.1519


 75.4306, 72.9397,
21.2258

 6.4838, 5.6147,
0.0000


 98.5239, 95.9665,
32.1704

 3.1849, 2.6123,
0.0000

 125.9064,
123.3916, 46.3486

 1.2523, 0.9328,
0.0000

 157.9434,
155.5992, 64.1791


 0.1471, 0.0000,
0.0000


 195.0003,


 0.0000, 0.0000,


192.9738, 86.0803


0.0000


 237.4425,
235.8998, 112.4708


 28.2323, 26.4044,
3.6085


 28.2323, 26.4044,
3.6085


 28.2325, 26.4051,
3.6087

 29.1123, 27.9820,
4.4653

 30.1418, 29.6840,
5.9083

 31.3619, 31.5292,
8.1495

 32.7932, 33.5267,
11.2936

 34.4530, 35.6843,
15.4294

■ 36.3568, 38.0091,
20.6350

■ 38.5183, 40.5076,
26.9806

■ 40.9504, 43.1857,
34.5303

■ 43.6647, 46.0490,
43.3436

Harmonies

Analogous

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



36.6487, 26.4044, 6.7730



28.2323, 26.4044, 3.6085



20.5008, 26.4044, 3.9855

Triad

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



28.2323, 26.4044, 3.6085



13.1907, 26.4044, 45.2248



38.4638, 26.4044, 68.6062

Complementary

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



28.2323, 26.4044, 3.6085



10.2771, 6.3736, 47.1424

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.



30.3325, 26.4044, 93.6652



28.2323, 26.4044, 3.6085



16.2696, 26.4044, 75.9499

Square

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



28.2323, 26.4044, 3.6085



12.8626, 26.4044, 20.9543



22.2021, 26.4044, 96.8983



43.3373, 26.4044, 38.2727

Rectangle

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



28.2323, 26.4044, 3.6085



16.6821, 26.4044, 6.2846



22.2021, 26.4044, 96.8983



35.9501, 26.4044, 78.4859

Sweetspot

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



28.2329, 26.4057, 3.6090



69.6100, 73.1890, 48.2778



21.0365, 10.7539, 5.0917



14.9530, 15.6877, 9.5110



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.



28.2329, 26.4057, 3.6090



50.9513, 47.4165, 6.4669



30.4891, 41.7833, 6.4582



9.5158, 10.0345, 9.5422



19.0623, 17.9010, 2.4505



0.7235, 0.7341, 0.1036

Inverse Universe

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



10.2771, 6.3736, 47.1424



18.4426, 11.1818, 85.3877



9.5261, 3.8872, 46.7021



8.7357, 9.1486, 11.3849



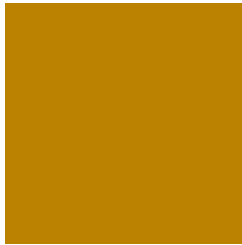
6.9724, 4.4045, 31.7357



0.3019, 0.2674, 1.1375

Previews

White Background



This preview shows how the XYZ color 28.2323, 26.4044, 3.6085 looks on a white background.

Color Contrast Check

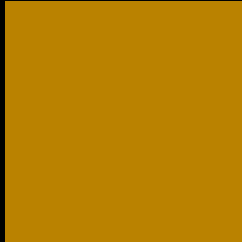
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2323, 26.4044, 3.6085 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 28.2323, 26.4044, 3.6085

Background



This preview shows how black text looks on a background with the XYZ color 28.2323, 26.4044, 3.6085.



This preview shows how white text looks on a background with the XYZ color 28.2323, 26.4044,

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

28.2323, 26.4044, 3.6085

Protanopia

23.8893, 26.4472, 4.1935

Deuteranopia

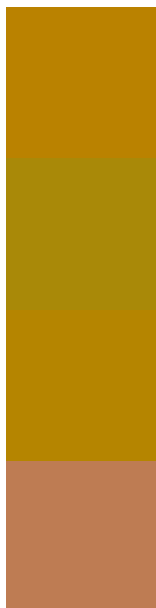
26.8852, 26.5152, 3.7009



Tritanopia

32.6049, 26.4929, 24.5143

Trichromacy



Original Color

28.2323, 26.4044, 3.6085

Protanomaly

25.3517, 26.3439, 3.9784

Deuteranomaly

27.4436, 26.5988, 3.6877

Tritanomaly

30.0042, 25.9870, 11.6182

Monochromacy



Original Color

28.2323, 26.4044, 3.6085

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6654, 23.5481, 11.7381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2323, 26.4044, 3.6085 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(186, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 0) }
```

Border

The CSS property to change the border of an element to XYZ 28.2323, 26.4044, 3.6085 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(186, 130, 0) }
```


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

```
.border{ border-color:rgb(186, 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(186, 130, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2323, 26.4044, 3.6085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 0) }
```

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

```
.background{ background-color: rgb(186,  
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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