

Converting Colors

XYZ(26.2911, 25.1559, 3.4709)

Have a look what the booklet for
XYZ(26.2911, 25.1559, 3.4709)
contains.

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Color

**XYZ(26.2104, 25.1655,
3.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	B28100
RGB	178, 129, 0
RGB Percent	70%, 51%, 0%
CMY	0.3020, 0.4941, 1.0000
CMYK	0.00, 0.28, 1.00, 0.30
HSL	43°, 100%, 35%
HSV	43°, 100%, 70%
XYZ	26.2104, 25.1655, 3.4760
YIQ	128.9450, 70.6130, -29.7310

Conversions

Conversions Part 2

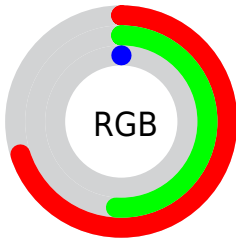
Format	Color
RYB	68, 178, 0
Decimal	11698432
CIELab	57.24, 9.77, 62.82
CIElCh	57, 63.579, 81.157
Yxy	25.1655, 0.4778, 0.4588
Android (android.graphics.Color)	4289888512 (0xFFB28100)
YUV	128.9450, -63.5699, 43.0212
Hunter-Lab	50.1652, 5.4738, 31.0074

Details

The XYZ color **26.2104, 25.1655, 3.4760** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.1344, 5.4114, 42.6823**, and the grayscale version is **21.0463, 22.1424, 24.1131**.

A 20% lighter version of the original color is **53.0620, 52.0627, 12.8827**, and **10.6144, 9.7304, 1.3187** is the 20% darker color. If you saturate the color by 10%, you get **26.2106, 25.1661, 3.4761**, and if you desaturate by 10%, it is **26.9796, 26.5318, 4.2633**.

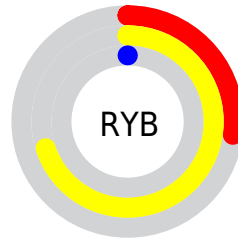
Distribution



Red (70%)

Green (51%)

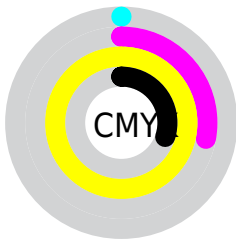
Blue (0%)



Red (27%)

Yellow (70%)

Blue (0%)

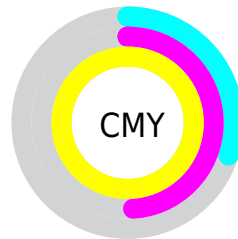


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2104, 25.1655, 3.4760 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 26.2104, 25.1655, 3.4760 by changing the saturation by 10% instead.

■ 26.2104, 25.1655,
3.4760

■ 26.2104, 25.1655,
3.4760

276.0512,
278.6611, 142.2098

■ 17.1146, 16.2004,
1.3425

■ 53.0431, 51.9256,
12.7820

■ 10.4121, 9.6661,
0.0963

■ 71.5107, 70.4894,
20.7916

■ 5.7374, 5.1781,
0.0000

■ 93.8329, 93.0215,
31.5970

■ 2.7252, 2.3521,
0.0000

■ 120.3751,
119.9064, 45.6167

■ 1.0102, 0.8011,
0.0000

■ 151.5027,
151.5284, 63.2693

■ 0.0000, 0.0000,
0.0000

■ 187.5810,

188.2719, 84.9733

■ 228.9754,
230.5214, 111.1473

■ 26.2104, 25.1655,
3.4760

■ 26.2104, 25.1655,
3.4760

■ 26.2106, 25.1661,
3.4761

■ 26.9796, 26.5318,
4.2633

■ 27.8768, 27.9986,
5.5730

■ 28.9406, 29.5828,
7.6025

■ 30.1889, 31.2923,
10.4454

■ 31.6374, 33.1340,
14.1813

■ 33.2996, 35.1140,
18.8800

■ 35.1878, 37.2378,
24.6044

■ 37.3134, 39.5104,
31.4122

■ 39.6867, 41.9368,
39.3566

Harmonies

Analogous

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



34.1768, 25.1655, 6.1532



26.2104, 25.1655, 3.4760



19.0729, 25.1655, 4.0890

Triad

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



26.2104, 25.1655, 3.4760



12.8138, 25.1655, 45.2190



37.0337, 25.1655, 62.4225

Complementary

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



26.2104, 25.1655, 3.4760



9.1344, 5.4114, 42.6823

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.



29.5236, 25.1655, 86.9657



26.2104, 25.1655, 3.4760



15.9514, 25.1655, 73.9345

Square

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



26.2104, 25.1655, 3.4760



12.2919, 25.1655, 21.5176



21.7653, 25.1655, 92.0233



41.2304, 25.1655, 34.2694

Rectangle

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



26.2104, 25.1655, 3.4760



15.6126, 25.1655, 6.5586



21.7653, 25.1655, 92.0233



34.7470, 25.1655, 71.8722

Sweetspot

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



26.2110, 25.1668, 3.4765



63.6212, 67.3202, 44.0264



18.9454, 9.6992, 3.9412



13.7697, 14.5531, 8.7528



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.2110, 25.1668, 3.4765



47.3298, 45.2339, 6.2365



26.6406, 37.3671, 5.8087



8.9953, 9.5032, 9.0127



18.8087, 18.1159, 2.5054



0.6375, 0.6614, 0.0941

Inverse Universe

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



9.1344, 5.4114, 42.6823



16.3990, 9.4818, 77.3470



8.8566, 3.6376, 42.3546



8.2261, 8.5983, 10.7324



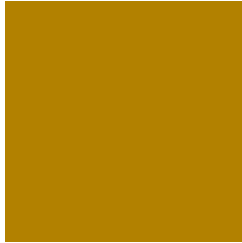
6.5818, 3.9641, 30.5552



0.2571, 0.2247, 0.9781

Previews

White Background



This preview shows how the XYZ color 26.2104, 25.1655, 3.4760 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 26.2104, 25.1655, 3.4760 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 26.2104, 25.1655, 3.4760

Background



This preview shows how black text looks on a background with the XYZ color 26.2104, 25.1655, 3.4760.



This preview shows how white text looks on a background with the XYZ color 26.2104, 25.1655,

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

26.2104, 25.1655, 3.4760

Protanopia

22.8536, 25.2668, 3.9596

Deuteranopia

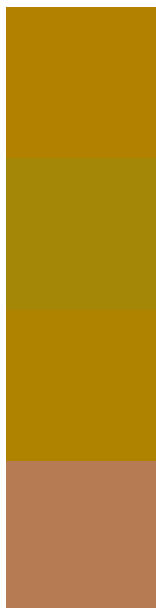
25.5719, 25.2313, 3.5223



Tritanopia

30.4461, 25.2083, 24.0299

Trichromacy



Original Color

26.2104, 25.1655, 3.4760

Protanomaly

24.0067, 25.2336, 3.7776

Deuteranomaly

25.6618, 25.0792, 3.4882

Tritanomaly

27.8974, 24.7202, 11.2838

Monochromacy



Original Color

26.2104, 25.1655, 3.4760

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.4059, 22.5128, 11.1998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2104, 25.1655, 3.4760 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(178, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 129, 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(178, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 129, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.2104, 25.1655, 3.4760 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(178, 129, 0) }
```


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

```
.border{ border-color:rgb(178, 129, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 129, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 129,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2104, 25.1655, 3.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 129, 0) }
```

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

```
.background{ background-color: rgb(178,  
129, 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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