

Converting Colors

XYZ(25.7833, 26.5634, 4.0012)

Have a look what the booklet for
XYZ(25.7833, 26.5634, 4.0012)
contains.

XYZ(25.7841, 26.5668, 3.9987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7841, 26.5668,
3.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8908
RGB	171, 137, 8
RGB Percent	67%, 54%, 3%
CMY	0.3294, 0.4627, 0.9686
CMYK	0.00, 0.20, 0.95, 0.33
HSL	47°, 91%, 35%
HSV	47°, 95%, 67%
XYZ	25.7841, 26.5668, 3.9987
YIQ	132.4600, 61.6730, -32.9110

Conversions

Conversions Part 2

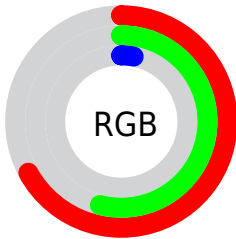
Format	Color
RYB	51, 171, 8
Decimal	11241736
CIELab	58.57, 2.25, 62.09
CIELCh	59, 62.133, 87.928
Yxy	26.5668, 0.4576, 0.4715
Android (android.graphics.Color)	4289431816 (0xFFAB8908)
YUV	132.4600, -61.3588, 33.7996
Hunter-Lab	51.5430, -0.9066, 31.4804

Details

The XYZ color **25.7841, 26.5668, 3.9987** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.2791, 4.6483, 38.9886**, and the grayscale version is **22.2991, 23.4604, 25.5484**.

A 20% lighter version of the original color is **52.2492, 54.1309, 13.9978**, and **10.4292, 10.5569, 1.4880** is the 20% darker color. If you saturate the color by 10%, you get **25.5051, 26.0791, 3.6895**, and if you desaturate by 10%, it is **26.4329, 27.6521, 4.8703**.

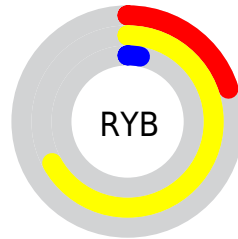
Distribution



Red (67%)

Green (54%)

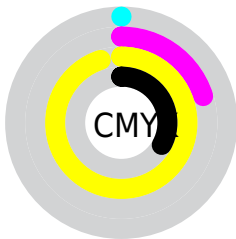
Blue (3%)



Red (20%)

Yellow (67%)

Blue (3%)

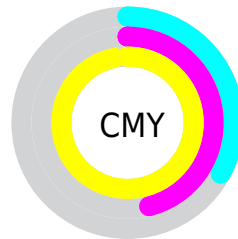


Cyan (0%)

Magenta (20%)

Yellow (95%)

Black (33%)



Cyan (33%)

Magenta (46%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7841, 26.5668, 3.9987 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 25.7841, 26.5668, 3.9987 by changing the saturation by 10% instead.

■ 25.7841, 26.5668,
3.9987

■ 25.7841, 26.5668,
3.9987

273.9968,
285.5535, 148.2109

■ 16.7940, 17.2481,
1.6246

■ 52.3602, 54.1879,
14.0068

■ 10.1821, 10.4116,
0.3083

■ 70.6770, 73.2592,
22.4778

■ 5.5831, 5.6727,
0.0000

■ 92.8334, 96.3501,
33.8183

■ 2.6315, 2.6471,
0.0000

■ 119.1947,
123.8451, 48.4468

■ 0.9620, 0.9504,
0.0000

■ 150.1264,
156.1285, 66.7817

■ 0.0000, 0.0000,
0.0000

■ 185.9937,

193.5848, 89.2417

227.1621,
236.5983, 116.2452

25.7841, 26.5668,
3.9987

25.7841, 26.5668,
3.9987

25.5051, 26.0791,
3.6895

26.4329, 27.6521,
4.8703

27.2103, 28.8149,
6.3381

28.1356, 30.0641,
8.5002

29.2236, 31.4060,
11.4344

30.4873, 32.8459,
15.2081

■ 31.9383, 34.3888,
19.8813

■ 33.5869, 36.0391,
25.5086

■ 35.4430, 37.8009,
32.1400

■ 37.5154, 39.6779,
39.8223

Harmonies

Analogous

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



33.8517, 26.5668, 5.9560



25.7841, 26.5668, 3.9987



18.9948, 26.5668, 5.4427

Triad

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



25.7841, 26.5668, 3.9987



14.3970, 26.5668, 53.3495



39.8028, 26.5668, 57.3975

Complementary

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



25.7841, 26.5668, 3.9987



8.2791, 4.6483, 38.9886

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.



32.7489, 26.5668, 84.0522



25.7841, 26.5668, 3.9987



18.2464, 26.5668, 81.0023

Square

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



25.7841, 26.5668, 3.9987



13.2621, 26.5668, 27.4368



24.7252, 26.5668, 94.3346



42.8935, 26.5668, 30.4697

Rectangle

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



25.7841, 26.5668, 3.9987



15.8663, 26.5668, 8.9433



24.7252, 26.5668, 94.3346



37.7550, 26.5668, 67.1089

Sweetspot

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



25.7847, 26.5681, 3.9992



58.8692, 63.2801, 41.2402



17.3235, 9.0086, 3.1427



12.8591, 13.8405, 8.2849



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7847, 26.5681, 3.9992



45.5211, 46.3915, 6.5552



23.0378, 33.4896, 5.4800



8.5187, 9.0423, 8.5097



19.2659, 19.7372, 2.7942



0.5712, 0.6195, 0.0895

Inverse Universe

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



8.2791, 4.6483, 38.9886



14.1524, 7.2412, 69.6537



8.9692, 3.9037, 38.8086



7.7092, 8.0179, 10.0940



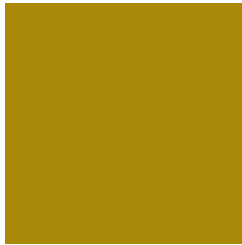
6.0413, 3.2165, 29.3469



0.2061, 0.1656, 0.8291

Previews

White Background



This preview shows how the XYZ color 25.7841, 26.5668, 3.9987 looks on a white background.

Color Contrast Check

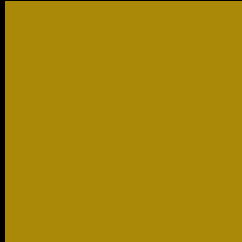
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7841, 26.5668, 3.9987 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 25.7841, 26.5668, 3.9987

Background



This preview shows how black text looks on a background with the XYZ color 25.7841, 26.5668, 3.9987.

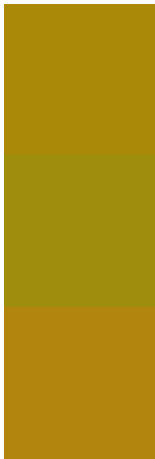


This preview shows how white text looks on a background with the XYZ color 25.7841, 26.5668,

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

25.7841, 26.5668, 3.9987

Protanopia

24.0315, 26.7411, 4.2116

Deuteranopia

26.9645, 26.5469, 4.1183



Tritanopia

30.4648, 26.4499, 27.1666

Trichromacy



Original Color

25.7841, 26.5668, 3.9987

Protanomaly

24.5371, 26.5646, 4.1214

Deuteranomaly

26.4095, 26.4685, 4.0648

Tritanomaly

27.6410, 26.0847, 13.2509

Monochromacy



Original Color

25.7841, 26.5668, 3.9987

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.0995, 23.8493, 12.4554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7841, 26.5668, 3.9987 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(171, 137, 8)` looks like.

```
.text, #text, p{  
    color:rgb(171, 137, 8)  
}
```

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(171, 137, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 137, 8) }
```

Border

The CSS property to change the border of an element to XYZ 25.7841, 26.5668, 3.9987 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(171, 137, 8) }
```


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

```
.border{ border-color:rgb(171, 137, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 137, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 137, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 137, 8);  
box-shadow:4px 4px 4px 4px rgb(171, 137,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7841, 26.5668, 3.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 137, 8) }
```

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

```
.background{ background-color: rgb(171,  
137, 8) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor