

Converting Colors

XYZ(26.7768, 33.4452, 7.9688)

Have a look what the booklet for
XYZ(26.7768, 33.4452, 7.9688)
contains.

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Color

**XYZ(26.7787, 33.4481,
7.9505)**

Conversions

Conversions Part 1

Format	Color
Hex	98A431
RGB	152, 164, 49
RGB Percent	60%, 64%, 19%
CMY	0.4039, 0.3568, 0.8078
CMYK	0.07, 0.00, 0.70, 0.36
HSL	66°, 54%, 42%
HSV	66°, 70%, 64%
XYZ	26.7787, 33.4481, 7.9505
YIQ	147.3020, 29.7630, -38.3090

Conversions

Conversions Part 2

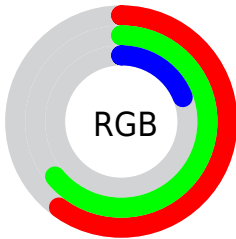
Format	Color
RYB	49, 164, 61
Decimal	10003505
CIELab	64.52, -19.29, 55.24
CIElCh	65, 58.510, 109.255
Yxy	33.4481, 0.3928, 0.4906
Android (android.graphics.Color)	4288193585 (0xFF98A431)
YUV	147.3020, -48.4629, 4.1201
Hunter-Lab	57.8343, -18.5602, 32.3334

Details

The XYZ color **26.7787, 33.4481, 7.9505** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.7248, 5.8699, 35.7445**, and the grayscale version is **28.0450, 29.5055, 32.1315**.

A 20% lighter version of the original color is **54.0243, 65.1777, 22.3035**, and **10.8312, 14.1850, 2.1671** is the 20% darker color. If you saturate the color by 10%, you get **26.1758, 33.1714, 6.4330**, and if you desaturate by 10%, it is **27.5137, 33.7806, 10.1329**.

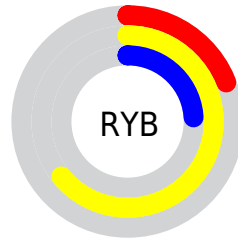
Distribution



Red (60%)

Green (64%)

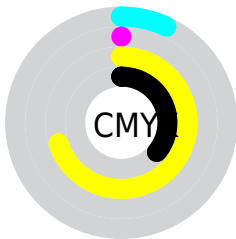
Blue (19%)



Red (19%)

Yellow (64%)

Blue (24%)

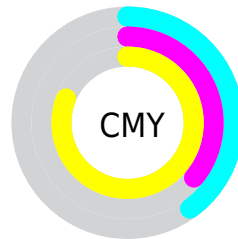


Cyan (7%)

Magenta (0%)

Yellow (70%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7787, 33.4481, 7.9505 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 26.7787, 33.4481, 7.9505 by changing the saturation by 10% instead.

■ 26.7787, 33.4481,
7.9505

■ 26.7787, 33.4481,
7.9505

278.7712,
317.6641, 185.2633

■ 17.5428, 22.4699,
3.9760

■ 53.9509, 65.0745,
22.4059

■ 10.7200, 14.2026,
1.6122

■ 72.6180, 86.4915,
33.7239

■ 5.9447, 8.2617,
0.2995

■ 95.1595, 112.1570,
48.3267

■ 2.8519, 4.2629,
0.0000

■ 121.9408,
142.4552, 66.6330

■ 1.0759, 1.8217,
0.0000

■ 153.3273,
177.7706, 89.0613

■ 0.0048, 0.5006,
0.0000

■ 189.6843,

■ 0.0000, 0.0000,

218.4877, 116.0301

0.0000

231.3771,
264.9907, 147.9579

■ 26.7787, 33.4481,
7.9505

■ 26.7787, 33.4481,
7.9505

■ 26.1758, 33.1714,
6.4330

■ 27.5137, 33.7806,
10.1329

■ 25.6883, 32.9402,
5.5024

■ 28.3908, 34.1693,
13.0428

■ 25.2880, 32.7448,
4.9876

■ 29.4217, 34.6200,
16.7379

■ 30.6160, 35.1366,
21.2695

■ 31.9828, 35.7228,
26.6845

■ 33.5303, 36.3818,
33.0266

■ 35.2662, 37.1167,
40.3363

■ 37.1979, 37.9305,
48.6519

■ 39.3322, 38.8258,
58.0094

Harmonies

Analogous

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



34.8843, 33.4481, 7.3265



26.7787, 33.4481, 7.9505



21.0999, 33.4481, 13.8740

Triad

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



26.7787, 33.4481, 7.9505



22.4096, 33.4481, 83.6293



50.3483, 33.4481, 45.6968

Complementary

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



26.7787, 33.4481, 7.9505



9.7248, 5.8699, 35.7445

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.



45.5944, 33.4481, 75.4993



26.7787, 33.4481, 7.9505



28.8869, 33.4481, 102.9754

Square

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



26.7787, 33.4481, 7.9505



18.9002, 33.4481, 53.8119



37.3936, 33.4481, 99.4799



49.5140, 33.4481, 23.2473

Rectangle

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



26.7787, 33.4481, 7.9505



19.0015, 33.4481, 22.4225



37.3936, 33.4481, 99.4799



49.3220, 33.4481, 55.2858

Sweetspot

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



26.7795, 33.4496, 7.9512



57.7165, 64.6962, 47.0891



17.5076, 11.3996, 4.1838



12.4725, 14.0816, 9.7132



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.7795, 33.4496, 7.9512



47.0034, 59.9692, 10.6319



18.5505, 29.2074, 7.5661



7.5763, 8.1996, 7.5634



19.4120, 25.1177, 3.8251



0.4273, 0.5378, 0.0813

Inverse Universe

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



9.7248, 5.8699, 35.7445



14.2141, 6.7833, 64.3125



15.2715, 8.7293, 36.0041



6.7659, 6.8937, 8.8771



5.3377, 2.1582, 27.0650



0.1313, 0.0552, 0.5696

Previews

White Background



This preview shows how the XYZ color 26.7787, 33.4481, 7.9505 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.7787, 33.4481, 7.9505 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 ✓ Pass

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

XYZ 26.7787, 33.4481, 7.9505

Background



This preview shows how black text looks on a background with the XYZ color 26.7787, 33.4481, 7.9505.



This preview shows how white text looks on a background with the XYZ color 26.7787, 33.4481,

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

26.7787, 33.4481, 7.9505

Protanopia

30.2493, 33.4331, 7.5483

Deuteranopia

33.7852, 33.0577, 8.2145



Tritanopia

33.2870, 33.2856, 40.2677

Trichromacy



Original Color

26.7787, 33.4481, 7.9505

Protanomaly

29.0407, 33.5705, 7.7455

Deuteranomaly

30.7886, 32.9519, 8.1058

Tritanomaly

29.9302, 32.9149, 23.5146

Monochromacy



Original Color

26.7787, 33.4481, 7.9505

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.6549, 30.3197, 19.4864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7787, 33.4481, 7.9505 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(152, 164, 49)` looks like.

```
.text, #text, p{  
    color:rgb(152, 164, 49)  
}
```

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(152, 164, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 164, 49) }
```

Border

The CSS property to change the border of an element to XYZ 26.7787, 33.4481, 7.9505 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(152, 164, 49) }
```


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

```
.border{ border-color:rgb(152, 164, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 164, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 164, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 164, 49);  
box-shadow:4px 4px 4px 4px rgb(152, 164,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7787, 33.4481, 7.9505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 164, 49) }
```

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

```
.background{ background-color: rgb(152,  
164, 49) }
```

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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