

Converting Colors

XYZ(25.9374, 28.4029, 9.7432)

Have a look what the booklet for
XYZ(25.9374, 28.4029, 9.7432)
contains.

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Color

**XYZ(26.0510, 28.5645,
9.7707)**

Conversions

Conversions Part 1

Format	Color
Hex	A19245
RGB	161, 146, 69
RGB Percent	63%, 57%, 27%
CMY	0.3686, 0.4274, 0.7294
CMYK	0.00, 0.09, 0.57, 0.37
HSL	50°, 40%, 45%
HSV	50°, 57%, 63%
XYZ	26.0510, 28.5645, 9.7707
YIQ	141.7070, 33.6570, -20.7670

Conversions

Conversions Part 2

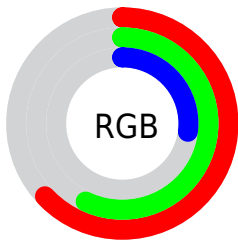
Format	Color
R_{YB}	87, 161, 69
Decimal	10588741
CIE Lab	60.40, -4.50, 42.18
CIE LCh	60, 42.416, 96.095
Yxy	28.5645, 0.4046, 0.4436
Android (android.graphics.Color)	4288778821 (0xFFA19245)
YUV	141.7070, -35.8446, 16.9200
Hunter-Lab	53.4458, -6.5241, 26.5729

Details

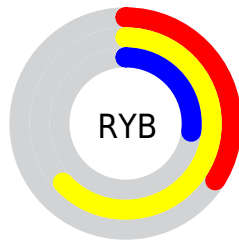
The XYZ color **26.0510, 28.5645, 9.7707** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.0575, 10.1788, 35.0473**, and the grayscale version is **25.7238, 27.0634, 29.4720**.

A 20% lighter version of the original color is **52.9579, 57.5700, 26.0902**, and **10.3638, 11.5386, 2.2970** is the 20% darker color. If you saturate the color by 10%, you get **25.2179, 27.5924, 7.3531**, and if you desaturate by 10%, it is **27.0304, 29.6121, 12.9067**.

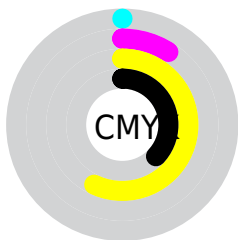
Distribution



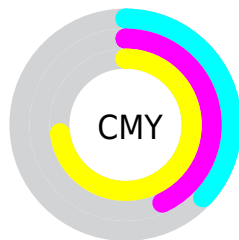
- Red (63%)
- Green (57%)
- Blue (27%)



- Red (34%)
- Yellow (63%)
- Blue (27%)



- Cyan (0%)
- Magenta (9%)
- Yellow (57%)
- Black (37%)



- Cyan (37%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0510, 28.5645, 9.7707 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 26.0510, 28.5645, 9.7707 by changing the saturation by 10% instead.

■ 26.0510, 28.5645,
9.7707

■ 26.0510, 28.5645,
9.7707

275.2845,
295.1546, 199.4526

■ 16.9947, 18.7516,
5.1436

■ 52.7879, 57.3844,
25.9643

■ 10.3260, 11.4909,
2.2715

■ 71.1992, 77.1603,
38.3680

■ 5.6795, 6.3981,
0.7152

■ 93.4596, 101.0259,
54.2008

■ 2.6900, 3.0886,
0.0000

■ 119.9343,
129.3657, 73.8814

■ 0.9920, 1.1782,
0.0000

■ 150.9889,
162.5641, 97.8284

■ 0.0000, 0.0438,
0.0000

186.9885,

■ 0.0000, 0.0000,

201.0054, 126.4602

0.0000

228.2986,
245.0741, 160.1954

■ 26.0510, 28.5645,
9.7707

■ 26.0510, 28.5645,
9.7707

■ 25.2179, 27.5924,
7.3531

■ 27.0304, 29.6121,
12.9067

■ 24.5176, 26.6872,
5.5930

■ 28.1641, 30.7353,
16.8120

■ 23.9379, 25.8448,
4.4220

■ 29.4619, 31.9392,
21.5350

■ 23.4580, 25.0570,
3.7323

■ 30.9321, 33.2272,
27.1194

■ 23.3280, 24.8373,
3.5646

■ 32.5826, 34.6025,
33.6061

■ 34.4207, 36.0682,
41.0330

■ 36.4531, 37.6271,
49.4362

■ 38.6865, 39.2819,
58.8496

■ 41.1270, 41.0352,
69.3057

Harmonies

Analogous

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



31.6269, 28.5645, 10.9261



26.0510, 28.5645, 9.7707



21.4262, 28.5645, 12.5926

Triad

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



26.0510, 28.5645, 9.7707



19.5239, 28.5645, 52.3733



37.9149, 28.5645, 44.9355

Complementary

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



26.0510, 28.5645, 9.7707



12.0575, 10.1788, 35.0473

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.



33.8113, 28.5645, 62.2464



26.0510, 28.5645, 9.7707



23.1163, 28.5645, 67.4513

Square

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



26.0510, 28.5645, 9.7707



17.9967, 28.5645, 34.4022



28.2789, 28.5645, 71.5662



38.9750, 28.5645, 28.0197

Rectangle

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



26.0510, 28.5645, 9.7707



19.3400, 28.5645, 17.1717



28.2789, 28.5645, 71.5662



36.8212, 28.5645, 51.0536

Sweetspot

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



26.0517, 28.5658, 9.7713



55.3475, 59.4650, 48.3771



18.4395, 12.4789, 9.8933



12.0266, 12.9455, 10.1786



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.0517, 28.5658, 9.7713



44.7429, 48.8918, 12.0527



23.0763, 30.6916, 10.3384



7.5507, 8.0398, 7.5340



18.6565, 19.8869, 2.8553



0.4166, 0.4671, 0.0682

Inverse Universe

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



12.0575, 10.1788, 35.0473



17.2067, 12.7612, 61.9428



13.7801, 9.5202, 34.8293



6.7894, 7.0379, 8.9037



5.4582, 2.6958, 27.1624



0.1395, 0.1063, 0.5790

Previews

White Background



This preview shows how the XYZ color 26.0510, 28.5645, 9.7707 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 26.0510, 28.5645, 9.7707 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 26.0510, 28.5645, 9.7707

Background



This preview shows how black text looks on a background with the XYZ color 26.0510, 28.5645, 9.7707.



This preview shows how white text looks on a background with the XYZ color 26.0510, 28.5645,

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

26.0510, 28.5645, 9.7707

Protanopia

26.0510, 28.5645, 9.7707

Deuteranopia

29.1923, 28.6235, 9.9475



Tritanopia

30.4394, 28.3543, 31.8856

Trichromacy



Original Color

26.0510, 28.5645, 9.7707

Protanomaly

26.0510, 28.5645, 9.7707

Deuteranomaly

28.0121, 28.6724, 9.8523

Tritanomaly

28.2249, 28.0874, 21.3866

Monochromacy



Original Color

26.0510, 28.5645, 9.7707

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3114, 27.2723, 20.1497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0510, 28.5645, 9.7707 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(161, 146, 69)` looks like.

```
.text, #text, p{  
    color:rgb(161, 146, 69)  
}
```

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(161, 146, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 146, 69) }
```

Border

The CSS property to change the border of an element to XYZ 26.0510, 28.5645, 9.7707 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(161, 146, 69) }
```


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

```
.border{ border-color:rgb(161, 146, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 146, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 146, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 146, 69);  
box-shadow:4px 4px 4px 4px rgb(161, 146,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0510, 28.5645, 9.7707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 146, 69) }
```

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

```
.background{ background-color: rgb(161,  
146, 69) }
```

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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