

Converting Colors

XYZ(26.6204, 30.0424, 13.2837)

Have a look what the booklet for
XYZ(26.6204, 30.0424, 13.2837)
contains.

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Color

**XYZ(26.4566, 29.8730,
13.1758)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9756
RGB	156, 151, 86
RGB Percent	61%, 59%, 34%
CMY	0.3882, 0.4078, 0.6627
CMYK	0.00, 0.03, 0.45, 0.39
HSL	56°, 29%, 47%
HSV	56°, 45%, 61%
XYZ	26.4566, 29.8730, 13.1758
YIQ	145.0850, 23.8450, -19.1550

Conversions

Conversions Part 2

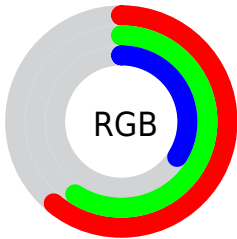
Format	Color
R_{YB}	91, 156, 86
Decimal	10262358
CIE _{Lab}	61.54, -7.78, 34.77
CIE _{LCh}	62, 35.633, 102.611
Yxy	29.8730, 0.3806, 0.4298
Android (android.graphics.Color)	4288452438 (0xFF9C9756)
YUV	145.0850, -29.1289, 9.5725
Hunter-Lab	54.6562, -9.2445, 23.9665

Details

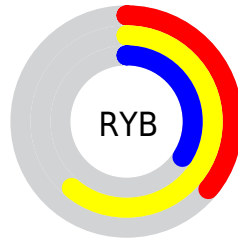
The XYZ color **26.4566, 29.8730, 13.1758** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.5796, 11.8606, 33.0260**, and the grayscale version is **27.0567, 28.4658, 30.9992**.

A 20% lighter version of the original color is **53.4981, 59.4658, 32.3253**, and **10.5005, 12.1378, 3.6231** is the 20% darker color. If you saturate the color by 10%, you get **25.7174, 29.2931, 10.1598**, and if you desaturate by 10%, it is **27.3361, 30.5140, 16.9162**.

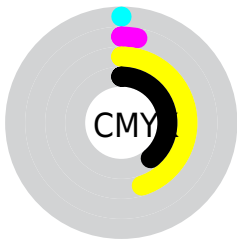
Distribution



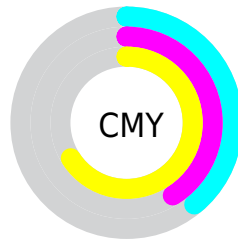
- Red (61%)
- Green (59%)
- Blue (34%)



- Red (36%)
- Yellow (61%)
- Blue (34%)



- Cyan (0%)
- Magenta (3%)
- Yellow (45%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4566, 29.8730, 13.1758 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 26.4566, 29.8730, 13.1758 by changing the saturation by 10% instead.

■ 26.4566, 29.8730,
13.1758

■ 26.4566, 29.8730,
13.1758

277.2321,
301.3120, 223.2885

■ 17.3000, 19.7422,
7.4176

■ 53.4367, 59.4613,
32.3151

■ 10.5452, 12.2078,
3.6422

■ 71.9909, 79.6876,
46.5332

■ 5.8270, 6.8854,
1.4312

■ 94.4084, 104.0478,
64.4083

■ 2.7798, 3.3905,
0.1659

■ 121.0545,
132.9264, 86.3590

■ 1.0384, 1.3388,
0.0000

■ 152.2946,
166.7077, 112.8039

■ 0.0000, 0.1710,
0.0000

188.4940,

■ 0.0000, 0.0000,

205.7761, 144.1614

0.0000

230.0180,
250.5161, 180.8501

■ 26.4566, 29.8730,
13.1758

■ 26.4566, 29.8730,
13.1758

■ 25.7174, 29.2931,
10.1598

■ 27.3361, 30.5140,
16.9162

■ 25.1074, 28.7664,
7.8188

■ 28.3621, 31.2151,
21.4222

■ 24.6171, 28.2903,
6.1002

■ 29.5427, 31.9809,
26.7345

■ 24.2350, 27.8602,
4.9429

■ 30.8851, 32.8140,
32.8900

■ 23.9465, 27.4702,
4.2700

■ 32.3958, 33.7173,
39.9235

■ 23.8152, 27.2779,
4.0100

■ 34.0810, 34.6931,
47.8679

■ 35.9468, 35.7438,
56.7542

■ 37.9986, 36.8718,
66.6121

■ 40.2420, 38.0792,
77.4700

Harmonies

Analogous

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



31.1947, 29.8730, 13.4854



26.4566, 29.8730, 13.1758



22.6786, 29.8730, 16.8952

Triad

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



26.4566, 29.8730, 13.1758



22.2208, 29.8730, 53.5016



37.9707, 29.8730, 40.9346

Complementary

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



26.4566, 29.8730, 13.1758



13.5796, 11.8606, 33.0260

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.



34.9956, 29.8730, 55.6667



26.4566, 29.8730, 13.1758



25.7650, 29.8730, 64.1922

Square

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



26.4566, 29.8730, 13.1758



20.4216, 29.8730, 38.5414



30.4225, 29.8730, 65.0793



38.2091, 29.8730, 27.1726

Rectangle

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



26.4566, 29.8730, 13.1758



21.0696, 29.8730, 21.9695



30.4225, 29.8730, 65.0793



37.2436, 29.8730, 46.0175

Sweetspot

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



26.4573, 29.8744, 13.1764



54.0313, 58.3223, 50.2558



18.9628, 14.4936, 11.8856



11.7840, 12.7669, 10.5798



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.4573, 29.8744, 13.1764



46.6861, 53.1849, 18.3572



22.2959, 28.9481, 13.2170



7.1296, 7.6393, 7.0844



19.6272, 22.4899, 3.3065



0.3618, 0.4238, 0.0627

Inverse Universe

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



13.5796, 11.8606, 33.0260



20.2209, 16.1751, 59.1831



16.4210, 12.7124, 33.0406



6.3209, 6.5075, 8.3296



5.0534, 2.1983, 26.0652



0.1002, 0.0591, 0.4693

Previews

White Background



This preview shows how the XYZ color 26.4566, 29.8730, 13.1758 looks on a white background.

Color Contrast Check

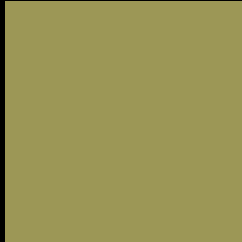
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4566, 29.8730, 13.1758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

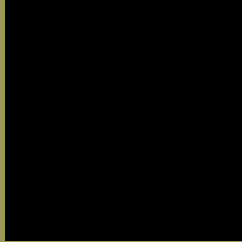
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4566, 29.8730, 13.1758

Background



This preview shows how black text looks on a background with the XYZ color 26.4566, 29.8730, 13.1758.



This preview shows how white text looks on a background with the XYZ color 26.4566, 29.8730,

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

26.4566, 29.8730, 13.1758

Protanopia

27.4914, 29.9373, 12.9239

Deuteranopia

30.2568, 29.7539, 13.3809



Tritanopia

30.7595, 29.7645, 34.6958

Trichromacy



Original Color

26.4566, 29.8730, 13.1758

Protanomaly

27.0432, 29.9422, 12.9484

Deuteranomaly

28.6403, 29.5968, 13.2201

Tritanomaly

28.7385, 29.6163, 24.9707

Monochromacy



Original Color

26.4566, 29.8730, 13.1758

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.4662, 28.7122, 23.2159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4566, 29.8730, 13.1758 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(156, 151, 86)` looks like.

```
.text, #text, p{  
    color:rgb(156, 151, 86)  
}
```

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(156, 151, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 151, 86) }
```

Border

The CSS property to change the border of an element to XYZ 26.4566, 29.8730, 13.1758 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(156, 151, 86) }
```


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

```
.border{ border-color:rgb(156, 151, 86) }
```

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

Here you see how a box with a 4 pixel rgb(156, 151, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 151, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 151, 86);  
box-shadow:4px 4px 4px 4px rgb(156, 151,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4566, 29.8730, 13.1758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 151, 86) }
```

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

```
.background{ background-color: rgb(156,  
151, 86) }
```

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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