

# Converting Colors

XYZ(24.6959, 27.2922, 4.8860)

Have a look what the booklet for  
XYZ(24.6959, 27.2922, 4.8860)  
contains.

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# Color

**XYZ(24.6959, 27.2922,  
4.8860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A18F19
RGB	161, 143, 25
RGB Percent	63%, 56%, 10%
CMY	0.3686, 0.4392, 0.9019
CMYK	0.00, 0.11, 0.84, 0.37
HSL	52°, 73%, 36%
HSV	52°, 84%, 63%
XYZ	24.6959, 27.2922, 4.8860
YIQ	134.9300, 48.6060, -32.8820

# Conversions

## Conversions Part 2

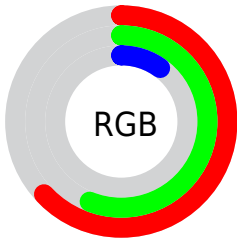
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 161, 25
Decimal	10587929
CIELab	59.24, -5.27, 58.66
CIELCh	59, 58.896, 95.136
Yxy	27.2922, 0.4342, 0.4799
Android (android.graphics.Color)	4288778009 (0xFFA18F19)
YUV	134.9300, -54.1955, 22.8634
Hunter-Lab	52.2419, -7.0426, 31.0242

# Details

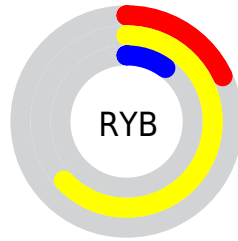
The XYZ color **24.6959, 27.2922, 4.8860** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.6979, 4.5077, 34.1824**, and the grayscale version is **23.1861, 24.3935, 26.5646**.

A 20% lighter version of the original color is **50.4763, 55.1491, 15.9671**, and **9.7400, 10.8320, 1.5774** is the 20% darker color. If you saturate the color by 10%, you get **24.2530, 26.6092, 4.1136**, and if you desaturate by 10%, it is **25.2460, 28.0299, 6.1872**.

# Distribution



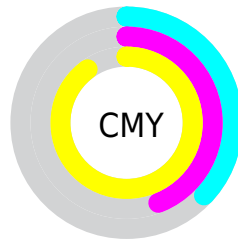
- Red (63%)
- Green (56%)
- Blue (10%)



- Red (18%)
- Yellow (63%)
- Blue (10%)



- Cyan (0%)
- Magenta (11%)
- Yellow (84%)
- Black (37%)




- Cyan (37%)
- Magenta (44%)
- Yellow (90%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6959, 27.2922, 4.8860 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 24.6959, 27.2922, 4.8860 by changing the saturation by 10% instead.





 24.6959, 27.2922,  
4.8860


 24.6959, 27.2922,  
4.8860


268.6958,  
289.0691, 157.6158


 15.9782, 17.7928,  
2.1230

 50.6099, 55.3524,  
16.0065


 9.5994, 10.8013,  
0.6294


 68.5369, 74.6820,  
25.2010

 5.1944, 5.9334,  
0.0000

 90.2643, 98.0571,  
37.3764

 2.3977, 2.8046,  
0.0000

 116.1576,  
125.8621, 52.9512

 0.8440, 1.0306,  
0.0000

 146.5820,  
158.4814, 72.3440

 0.0000, 0.0000,  
0.0000

 181.9029,

196.2994, 95.9734

222.4857,  
239.7005, 124.2578

24.6959, 27.2922,  
4.8860

24.6959, 27.2922,  
4.8860

24.2530, 26.6092,  
4.1136

25.2460, 28.0299,  
6.1872

24.0315, 26.2444,  
3.7991

25.9165, 28.8245,  
8.0956

26.7208, 29.6824,  
10.6775

27.6696, 30.6080,  
13.9903

28.7727, 31.6053,  
18.0851

■ 30.0390, 32.6778,  
23.0086

■ 31.4767, 33.8290,  
28.8037

■ 33.0934, 35.0617,  
35.5102

■ 34.8963, 36.3791,  
43.1658

# Harmonies

## Analogous

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



32.3478, 27.2922, 6.0443



24.6959, 27.2922, 4.8860



18.6277, 27.2922, 7.3858

# Triad

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



24.6959, 27.2922, 4.8860



16.0148, 27.2922, 59.6248



40.9909, 27.2922, 50.1894

# Complementary

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



24.6959, 27.2922, 4.8860



7.6979, 4.5077, 34.1824

# 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.



34.9531, 27.2922, 76.6238



24.6959, 27.2922, 4.8860



20.4405, 27.2922, 83.6398

# Square

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



24.6959, 27.2922, 4.8860



14.2575, 27.2922, 33.4886



27.2261, 27.2922, 91.0006



42.7147, 27.2922, 26.2390



# Rectangle

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



24.6959, 27.2922, 4.8860



15.9870, 27.2922, 12.0656



27.2261, 27.2922, 91.0006



39.3492, 27.2922, 59.3757

# Sweetspot

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



24.6965, 27.2935, 4.8865



53.5571, 58.3252, 40.2551



15.4842, 8.4480, 3.1133



11.5773, 12.6508, 8.1672



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.



24.6965, 27.2935, 4.8865



42.9345, 46.7933, 6.7691



19.4929, 28.9481, 5.4802



7.5691, 8.0767, 7.5401



19.2146, 21.0032, 3.0413



0.4245, 0.4828, 0.0708



# Inverse Universe

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



7.6979, 4.5077, 34.1824



11.9285, 5.4233, 60.8046



9.6722, 4.7593, 34.1269



6.7725, 7.0041, 8.8980



5.3747, 2.5288, 27.1346



0.1336, 0.0945, 0.5770



# Previews

## White Background



This preview shows how the XYZ color 24.6959, 27.2922, 4.8860 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 24.6959, 27.2922, 4.8860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

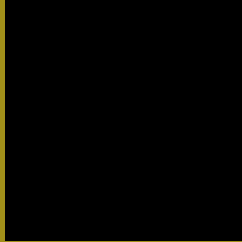
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 24.6959, 27.2922, 4.8860**

## **Background**



This preview shows how black text looks on a background with the XYZ color 24.6959, 27.2922, 4.8860.



This preview shows how white text looks on a background with the XYZ color 24.6959, 27.2922,



# 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

24.6959, 27.2922, 4.8860

### Protanopia

24.6959, 27.2922, 4.8860

### Deuteranopia

27.7207, 27.1250, 5.0029



## Tritanopia

29.7076, 27.1932, 29.6697

# Trichromacy



## Original Color

24.6959, 27.2922, 4.8860

## Protanomaly

24.6959, 27.2922, 4.8860

## Deuteranomaly

26.5317, 27.1450, 4.9398

## Tritanomaly

26.9718, 26.9184, 15.8308

# Monochromacy



## Original Color

24.6959, 27.2922, 4.8860

## Achromatopsia

23.0288, 24.2281, 26.3844

## Achromatomaly

22.6556, 24.9325, 14.4448

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 24.6959, 27.2922, 4.8860 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, 143, 25)` looks like.

```
.text, #text, p{  
    color:rgb(161, 143, 25)  
}
```

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, 143, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 143, 25) }
```

## Border

The CSS property to change the border of an element to XYZ 24.6959, 27.2922, 4.8860 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, 143, 25) }
```



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

```
.border{ border-color:rgb(161, 143, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 143, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 143, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 143, 25);  
box-shadow:4px 4px 4px 4px rgb(161, 143,  
25) }
```

# Background

The CSS property to change the background color of an element to XYZ 24.6959, 27.2922, 4.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 143, 25) }
```

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

```
.background{ background-color: rgb(161,  
143, 25) }
```

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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