

# Converting Colors

XYZ(26.1247, 29.2440, 27.9006)

Have a look what the booklet for  
XYZ(26.1247, 29.2440, 27.9006)  
contains.

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# Color

**XYZ(26.0692, 29.1078,  
27.9113)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B9689
RGB	139, 150, 137
RGB Percent	55%, 59%, 54%
CMY	0.4549, 0.4118, 0.4627
CMYK	0.07, 0.00, 0.09, 0.41
HSL	111°, 6%, 56%
HSV	111°, 9%, 59%
XYZ	26.0692, 29.1078, 27.9113
YIQ	145.2290, -2.3830, -6.3750

# Conversions

## Conversions Part 2

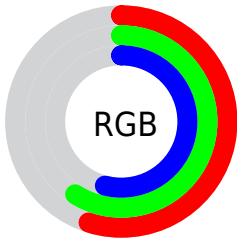
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 150, 148
Decimal	9148041
CIE Lab	60.88, -6.50, 5.50
CIE LCh	61, 8.515, 139.787
Yxy	29.1078, 0.3138, 0.3503
Android (android.graphics.Color)	4287338121 (0xFF8B9689)
YUV	145.2290, -4.0569, -5.4628
Hunter-Lab	53.9516, -8.1650, 7.0931

# Details

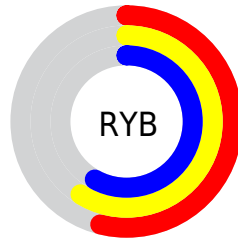
The XYZ color **26.0692, 29.1078, 27.9113** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6645, 26.3900, 32.5440**, and the grayscale version is **27.0241, 28.4315, 30.9619**.

A 20% lighter version of the original color is **52.6254, 58.1099, 57.1579**, and **10.3020, 11.7356, 10.7391** is the 20% darker color. If you saturate the color by 10%, you get **23.0695, 27.6780, 22.5391**, and if you desaturate by 10%, it is **29.4663, 30.7268, 34.0843**.

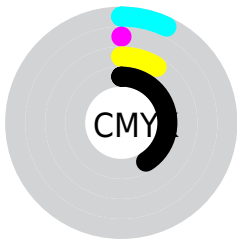
# Distribution



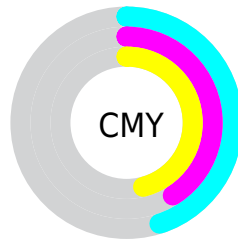
- Red (55%)
- Green (59%)
- Blue (54%)



- Red (54%)
- Yellow (59%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (45%)
- Magenta (41%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0692, 29.1078, 27.9113 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 26.0692, 29.1078, 27.9113 by changing the saturation by 10% instead.



■ 26.0692, 29.1078,  
27.9113

■ 26.0692, 29.1078,  
27.9113

275.3721,  
297.7232, 305.9414

■ 17.0084, 19.1624,  
18.0203

■ 52.8171, 58.2483,  
57.3642

■ 10.3358, 11.7877,  
10.7950

■ 71.2348, 78.2122,  
77.7632

■ 5.6861, 6.5993,  
5.8167

■ 93.5022, 102.2844,  
102.5020

■ 2.6940, 3.2128,  
2.6670

119.9847,  
130.8492, 131.9991

■ 0.9941, 1.2438,  
0.9267

151.0476,  
164.2911, 166.6731

■ 0.0000, 0.0971,  
0.0000

187.0562,

■ 0.0000, 0.0000,

202.9945, 206.9424

0.0000

228.3759,  
247.3438, 253.2257

■ 26.0692, 29.1078,  
27.9113

■ 26.0692, 29.1078,  
27.9113

■ 23.0695, 27.6780,  
22.5391

■ 29.4663, 30.7268,  
34.0843

■ 20.4502, 26.4270,  
17.9331

■ 33.2720, 32.5377,  
41.0869

■ 18.1968, 25.3487,  
14.0590

■ 37.5004, 34.5478,  
48.9491

■ 16.2927, 24.4355,  
10.8790

■ 42.1639, 36.7631,  
57.6986

■ 14.7201, 23.6792,  
8.3521

■ 47.2744, 39.1891,  
67.3619

■ 13.4599, 23.0706,  
6.4329

■ 52.8436, 41.8312,  
77.9645

■ 12.4904, 22.6000,  
5.0703

■ 58.8826, 44.6947,  
89.5307

■ 11.7875, 22.2561,  
4.2048

■ 65.0775, 47.6547,  
100.3761

■ 11.3130, 22.0219,  
3.7118

■ 69.5518, 49.9612,  
100.5854

# Harmonies

## Analogous

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



26.9504, 29.1078, 26.2866



26.0692, 29.1078, 27.9113



25.6198, 29.1078, 30.6228

# Triad

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



26.0692, 29.1078, 27.9113



27.2897, 29.1078, 38.0926



29.7218, 29.1078, 29.6704

# Complementary

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



26.0692, 29.1078, 27.9113



26.6645, 26.3900, 32.5440

# 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.



29.8185, 29.1078, 32.7888



26.0692, 29.1078, 27.9113



28.3944, 29.1078, 37.7951

# Square

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



26.0692, 29.1078, 27.9113



26.3119, 29.1078, 36.5903



29.3269, 29.1078, 35.8027



29.0660, 29.1078, 27.2542



# Rectangle

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



26.0692, 29.1078, 27.9113



25.6172, 29.1078, 32.7431



29.3269, 29.1078, 35.8027



29.8214, 29.1078, 30.6665

# Sweetspot

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



26.0700, 29.1090, 27.9119



49.2795, 52.9284, 55.1879



27.6580, 29.4191, 27.8881



10.8195, 11.6813, 12.0460



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896



# Same Dimension

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



26.0700, 29.1090, 27.9119



45.1512, 50.9613, 47.7162



26.0563, 29.0654, 29.5672



5.8078, 6.5087, 6.1907



9.3586, 18.2524, 3.0298



0.1304, 0.2315, 0.0378



# Inverse Universe

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



26.6645, 26.3900, 32.5440



46.3728, 45.3736, 57.2351



26.6868, 26.4411, 30.7566



5.9486, 5.8645, 7.2882



11.8374, 5.5750, 24.3832



0.1639, 0.0780, 0.2993



# Previews

## White Background



This preview shows how the XYZ color 26.0692, 29.1078, 27.9113 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

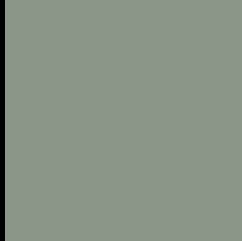
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 26.0692, 29.1078, 27.9113 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 26.0692, 29.1078, 27.9113**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.0692, 29.1078, 27.9113.



This preview shows how white text looks on a background with the XYZ color 26.0692, 29.1078,



# 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

26.0692, 29.1078, 27.9113

### Protanopia

27.6010, 28.9824, 27.0611

### Deuteranopia

29.6430, 29.1026, 28.4811



## Tritanopia

27.7606, 29.0868, 36.4989

# Trichromacy



## Original Color

26.0692, 29.1078, 27.9113

## Protanomaly

26.9103, 28.8481, 27.4425

## Deuteranomaly

28.2304, 29.0543, 28.1649

## Tritanomaly

27.0794, 29.0445, 33.0331

# Monochromacy



## Original Color

26.0692, 29.1078, 27.9113

## Achromatopsia

26.9133, 28.3149, 30.8349

## Achromatomaly

26.6439, 28.6601, 29.7188

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.0692, 29.1078, 27.9113 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(139, 150, 137)` looks like.

```
.text, #text, p{  
    color:rgb(139, 150, 137)  
}
```

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(139, 150, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 150, 137) }
```

## Border

The CSS property to change the border of an element to XYZ 26.0692, 29.1078, 27.9113 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(139, 150, 137) }
```



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

```
.border{ border-color:rgb(139, 150, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 150, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 150, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 150, 137);  
box-shadow:4px 4px 4px 4px rgb(139, 150,  
137) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.0692, 29.1078, 27.9113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 150, 137) }
```

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

```
.background{ background-color: rgb(139,  
150, 137) }
```

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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