

# Converting Colors

XYZ(25.1690, 28.1657, 28.1547)

Have a look what the booklet for  
XYZ(25.1690, 28.1657, 28.1547)  
contains.

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# Color

**XYZ(25.1690, 28.1657,  
28.1547)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87948A
RGB	135, 148, 138
RGB Percent	53%, 58%, 54%
CMY	0.4706, 0.4196, 0.4588
CMYK	0.09, 0.00, 0.07, 0.42
HSL	134°, 6%, 55%
HSV	134°, 9%, 58%
XYZ	25.1690, 28.1657, 28.1547
YIQ	142.9730, -4.5380, -5.8660

# Conversions

## Conversions Part 2

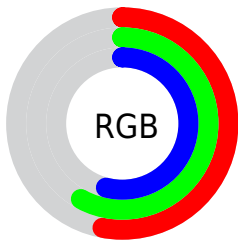
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 146, 148</a>
Decimal	<a href="#">8885386</a>
CIELab	<a href="#">60.04, -6.67, 3.68</a>
CIELCh	<a href="#">60, 7.620, 151.095</a>
Yxy	<a href="#">28.1657, 0.3089, 0.3456</a>
Android (android.graphics.Color)	<a href="#">4287075466 (0xFF87948A)</a>
YUV	<a href="#">142.9730, -2.4517, -6.9923</a>
Hunter-Lab	<a href="#">53.0714, -8.2216, 5.6962</a>

# Details

The XYZ color **25.1690, 28.1657, 28.1547** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9886, 25.6688, 30.3742**, and the grayscale version is **26.1091, 27.4688, 29.9135**.

A 20% lighter version of the original color is **51.2635, 56.6940, 57.5314**, and **9.7825, 11.1853, 10.8759** is the 20% darker color. If you saturate the color by 10%, you get **22.1698, 26.7107, 23.9348**, and if you desaturate by 10%, it is **28.5873, 29.8284, 32.8465**.

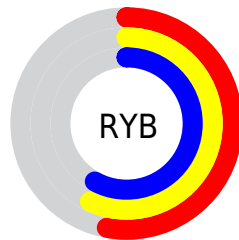
# Distribution



Red (53%)

Green (58%)

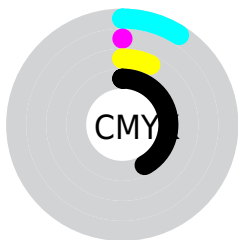
Blue (54%)



Red (53%)

Yellow (57%)

Blue (58%)

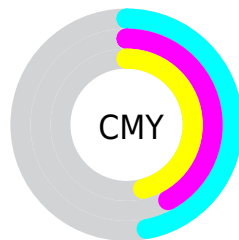


Cyan (9%)

Magenta (0%)

Yellow (7%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1690, 28.1657, 28.1547 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 25.1690, 28.1657, 28.1547 by changing the saturation by 10% instead.



■ 25.1690, 28.1657,  
28.1547

■ 25.1690, 28.1657,  
28.1547

271.0107,  
293.2578, 307.1406

■ 16.3324, 18.4506,  
18.2023

■ 51.3722, 56.7489,  
57.7574

■ 9.8520, 11.2740,  
10.9243

■ 69.4695, 76.3858,  
78.2447

■ 5.3625, 6.2514,  
5.9025

■ 91.3844, 100.0987,  
103.0808

■ 2.4984, 2.9986,  
2.7180

117.4823,  
128.2720, 132.6841

■ 0.8944, 1.1310,  
0.9525

148.1285,  
161.2903, 167.4732

■ 0.0000, 0.0042,  
0.0000

183.6884,

■ 0.0000, 0.0000,

199.5377, 207.8666

0.0000

224.5273,  
243.3988, 254.2829

■ 25.1690, 28.1657,  
28.1547

■ 25.1690, 28.1657,  
28.1547

■ 22.1698, 26.7107,  
23.9348

■ 28.5873, 29.8284,  
32.8465

■ 19.5711, 25.4516,  
20.1704

■ 32.4376, 31.7028,  
38.0223

■ 17.3563, 24.3811,  
16.8467

■ 36.7354, 33.7972,  
43.6962

■ 15.5070, 23.4900,  
13.9476

■ 41.4944, 36.1186,  
49.8809

■ 14.0029, 22.7682,  
11.4559

■ 46.7278, 38.6735,  
56.5888

■ 12.8218, 22.2047,  
9.3532

■ 52.4485, 41.4682,  
63.8319

■ 11.9391, 21.7871,  
7.6197

■ 58.6687, 44.5088,  
71.6217

■ 11.3260, 21.5010,  
6.2339

■ 65.4001, 47.8012,  
79.9695

■ 10.9243, 21.3171,  
5.1708

■ 67.6284, 48.7601,  
88.6510

# Harmonies

## Analogous

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



25.8178, 28.1657, 26.3124



25.1690, 28.1657, 28.1547



24.9467, 28.1657, 30.7700

# Triad

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



25.1690, 28.1657, 28.1547



26.8064, 28.1657, 36.3313



28.4017, 28.1657, 27.9878

# Complementary

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



25.1690, 28.1657, 28.1547



25.9886, 25.6688, 30.3742

# 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.



28.6814, 28.1657, 30.5655



25.1690, 28.1657, 28.1547



27.7467, 28.1657, 35.4788

# Square

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



25.1690, 28.1657, 28.1547



25.8782, 28.1657, 35.5916



28.4389, 28.1657, 33.3259



27.6834, 28.1657, 26.2202



# Rectangle

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



25.1690, 28.1657, 28.1547



25.0660, 28.1657, 32.6330



28.4389, 28.1657, 33.3259



28.5509, 28.1657, 28.7828

# Sweetspot

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



25.1698, 28.1669, 28.1553



47.7690, 51.3297, 54.3119



26.6736, 28.9669, 27.1073



10.7988, 11.6660, 12.2531



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.



25.1698, 28.1669, 28.1553



43.0533, 49.0383, 47.7880



25.6408, 28.3553, 30.6355



5.7812, 6.4891, 6.4586



9.3031, 18.1940, 4.3719



0.1236, 0.2266, 0.1048



# Inverse Universe

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



25.9886, 25.6688, 30.3742



44.8685, 43.5000, 52.7068



25.5147, 25.4793, 27.8788



5.9787, 5.8865, 6.9938



13.0294, 6.4168, 14.1676

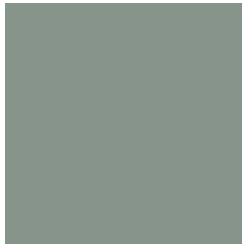


0.1707, 0.0830, 0.2323



# Previews

## White Background



This preview shows how the XYZ color 25.1690, 28.1657, 28.1547 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

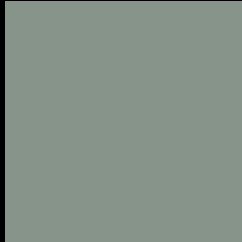
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 25.1690, 28.1657, 28.1547 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

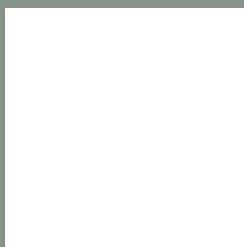
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 25.1690, 28.1657, 28.1547

## Background



This preview shows how black text looks on a background with the XYZ color 25.1690, 28.1657, 28.1547.



This preview shows how white text looks on a background with the XYZ color 25.1690, 28.1657,



# 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

25.1690, 28.1657, 28.1547

### Protanopia

26.8116, 28.1137, 27.3059

### Deuteranopia

28.6089, 28.1232, 28.7314



## Tritanopia

26.6924, 28.0884, 35.9130

# Trichromacy



## Original Color

25.1690, 28.1657, 28.1547

## Protanomaly

26.1424, 27.9862, 27.6909

## Deuteranomaly

27.2452, 28.0883, 28.4117

## Tritanomaly

26.1004, 28.0781, 32.8981

# Monochromacy



## Original Color

25.1690, 28.1657, 28.1547

## Achromatopsia

26.1081, 27.4677, 29.9124

## Achromatomaly

25.7483, 27.7493, 29.1984

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.1690, 28.1657, 28.1547 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(135, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(135, 148, 138)  
}
```

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(135, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 148, 138) }
```

## Border

The CSS property to change the border of an element to XYZ 25.1690, 28.1657, 28.1547 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(135, 148, 138) }
```



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

```
.border{ border-color:rgb(135, 148, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 148, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 148, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 148, 138);  
box-shadow:4px 4px 4px 4px rgb(135, 148,  
138) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.1690, 28.1657, 28.1547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 148, 138) }
```

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

```
.background{ background-color: rgb(135,  
148, 138) }
```

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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