

Converting Colors

XYZ(25.2866, 28.6584, 27.2275)

Have a look what the booklet for
XYZ(25.2866, 28.6584, 27.2275)
contains.

XYZ(25.2712, 28.7129, 27.1319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.2712, 28.7129,
27.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	879687
RGB	135, 150, 135
RGB Percent	53%, 59%, 53%
CMY	0.4706, 0.4118, 0.4706
CMYK	0.10, 0.00, 0.10, 0.41
HSL	120°, 7%, 56%
HSV	120°, 10%, 59%
XYZ	25.2712, 28.7129, 27.1319
YIQ	143.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

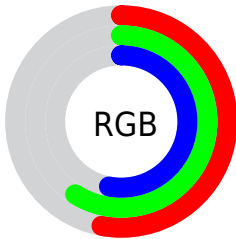
Format	Color
R_{YB}	135, 150, 150
Decimal	8885895
CIE Lab	60.53, -8.35, 6.09
CIE LCh	61, 10.331, 143.887
Yxy	28.7129, 0.3115, 0.3540
Android (android.graphics.Color)	4287075975 (0xFF879687)
YUV	143.8050, -4.3409, -7.7220
Hunter-Lab	53.5844, -9.5895, 7.4882

Details

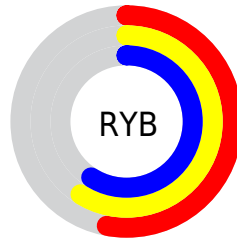
The XYZ color **25.2712, 28.7129, 27.1319** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7477, 26.0147, 32.4671**, and the grayscale version is **26.4496, 27.8270, 30.3036**.

A 20% lighter version of the original color is **51.4090, 57.5079, 55.9676**, and **9.8478, 11.5109, 10.2971** is the 20% darker color. If you saturate the color by 10%, you get **22.0430, 27.1631, 21.8509**, and if you desaturate by 10%, it is **28.9899, 30.5000, 33.2138**.

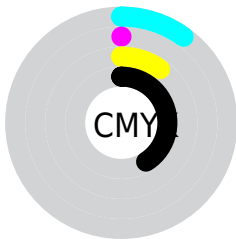
Distribution



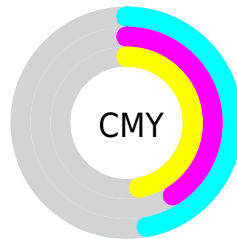
- Red (53%)
- Green (59%)
- Blue (53%)



- Red (53%)
- Yellow (59%)
- Blue (59%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2712, 28.7129, 27.1319 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 25.2712, 28.7129, 27.1319 by changing the saturation by 10% instead.

■ 25.2712, 28.7129,
27.1319

■ 25.2712, 28.7129,
27.1319

271.5086,
295.8579, 302.0755

■ 16.4090, 18.8637,
17.4390

■ 51.5366, 57.6206,
56.1018

■ 9.9067, 11.5719,
10.3827

■ 69.6705, 77.4480,
76.2158

■ 5.3990, 6.4529,
5.5445

■ 91.6257, 101.3702,
100.6406

■ 2.5203, 3.1224,
2.5059

117.7676,
129.7717, 129.7948

■ 0.9055, 1.1959,
0.8433

148.4614,
163.0368, 164.0968

■ 0.0000, 0.0584,
0.0000

184.0727,

■ 0.0000, 0.0000,

201.5499, 203.9653

0.0000

224.9666,
245.6955, 249.8187

■ 25.2712, 28.7129,
27.1319

■ 25.2712, 28.7129,
27.1319

■ 22.0430, 27.1631,
21.8509

■ 28.9899, 30.5000,
33.2138

■ 19.2825, 25.8371,
17.3357

■ 33.2159, 32.5300,
40.1261

■ 16.9689, 24.7257,
13.5514

■ 37.9681, 34.8127,
47.8989

■ 15.0786, 23.8177,
10.4594

■ 43.2636, 37.3564,
56.5606

■ 13.5860, 23.1007,
8.0180

■ 49.1190, 40.1691,
66.1378

■ 12.4627, 22.5612,
6.1807

■ 55.5499, 43.2582,
76.6565

■ 11.6767, 22.1836,
4.8949

■ 62.5715, 46.6310,
88.1414

■ 11.1901, 21.9499,
4.0990

■ 70.1969, 50.2939,
100.6156

■ 10.9070, 21.8139,
3.6358

Harmonies

Analogous

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



26.2655, 28.7129, 25.0180



25.2712, 28.7129, 27.1319



24.8197, 28.7129, 30.4880

Triad

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



25.2712, 28.7129, 27.1319



27.0186, 28.7129, 39.1487



29.7031, 28.7129, 28.3830

Complementary

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



25.2712, 28.7129, 27.1319



26.7477, 26.0147, 32.4671

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.



29.9206, 28.7129, 32.0520



25.2712, 28.7129, 27.1319



28.3423, 28.7129, 38.4704

Square

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



25.2712, 28.7129, 27.1319



25.8072, 28.7129, 37.5793



29.4151, 28.7129, 35.7945



28.8301, 28.7129, 25.6981

Rectangle

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



25.2712, 28.7129, 27.1319



24.8764, 28.7129, 33.0594



29.4151, 28.7129, 35.7945



29.8565, 28.7129, 29.5338

Sweetspot

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



25.2720, 28.7141, 27.1325



49.0585, 52.8144, 55.1777



27.8585, 30.0475, 27.2534



10.7589, 11.6501, 12.0432



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.



25.2720, 28.7141, 27.1325



43.2501, 50.0243, 45.6771



25.8190, 28.9329, 30.0131



5.7296, 6.4684, 6.1870



9.0455, 18.0910, 3.0153



0.1107, 0.2214, 0.0369

Inverse Universe

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



26.7477, 26.0147, 32.4671



46.3888, 44.2828, 57.0233



26.1627, 25.7807, 29.3866



6.0353, 5.9092, 7.2922



14.9971, 7.2039, 24.5295



0.1836, 0.0882, 0.3002

Previews

White Background



This preview shows how the XYZ color 25.2712, 28.7129, 27.1319 looks on a white background.

Color Contrast Check

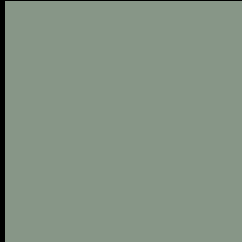
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2712, 28.7129, 27.1319 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

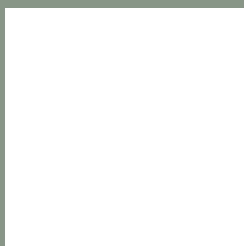
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2712, 28.7129, 27.1319

Background



This preview shows how black text looks on a background with the XYZ color 25.2712, 28.7129, 27.1319.

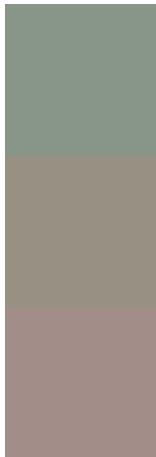


This preview shows how white text looks on a background with the XYZ color 25.2712, 28.7129,

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

25.2712, 28.7129, 27.1319

Protanopia

27.0528, 28.4961, 25.9042

Deuteranopia

29.1445, 28.6424, 27.6594



Tritanopia

27.2527, 28.8250, 36.4752

Trichromacy



Original Color

25.2712, 28.7129, 27.1319

Protanomaly

26.3444, 28.5806, 26.3184

Deuteranomaly

27.5541, 28.4964, 27.3407

Tritanomaly

26.5762, 28.7851, 33.0095

Monochromacy



Original Color

25.2712, 28.7129, 27.1319

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0711, 28.1436, 29.2575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2712, 28.7129, 27.1319 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, 150, 135)` looks like.

```
.text, #text, p{  
    color:rgb(135, 150, 135)  
}
```

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, 150, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 150, 135) }
```

Border

The CSS property to change the border of an element to XYZ 25.2712, 28.7129, 27.1319 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, 150, 135) }
```


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

```
.border{ border-color:rgb(135, 150, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 150, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 150, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 150, 135);  
box-shadow:4px 4px 4px 4px rgb(135, 150,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2712, 28.7129, 27.1319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 150, 135) }
```

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

```
.background{ background-color: rgb(135,  
150, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor