

Converting Colors

XYZ(25.2217, 27.7513, 28.2063)

Have a look what the booklet for
XYZ(25.2217, 27.7513, 28.2063)
contains.

XYZ(25.1829, 27.7111, 28.0663)	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(25.1829, 27.7111,
28.0663)**

Conversions

Conversions Part 1

Format	Color
Hex	89928A
RGB	137, 146, 138
RGB Percent	54%, 57%, 54%
CMY	0.4627, 0.4274, 0.4588
CMYK	0.06, 0.00, 0.05, 0.43
HSL	127°, 4%, 55%
HSV	127°, 6%, 57%
XYZ	25.1829, 27.7111, 28.0663
YIQ	142.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

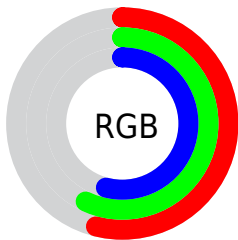
Format	Color
RYB	137, 145, 146
Decimal	9015946
CIELab	59.63, -4.84, 3.11
CIElCh	60, 5.751, 147.291
Yxy	27.7111, 0.3111, 0.3423
Android (android.graphics.Color)	4287206026 (0xFF89928A)
YUV	142.3970, -2.1677, -4.7332
Hunter-Lab	52.6413, -6.7304, 5.2378

Details

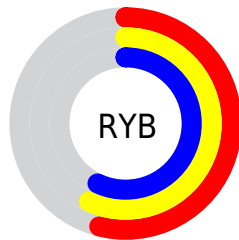
The XYZ color **25.1829, 27.7111, 28.0663** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9116, 26.0474, 30.4514**, and the grayscale version is **25.8782, 27.2259, 29.6490**.

A 20% lighter version of the original color is **51.2935, 56.0173, 57.3992**, and **9.8748, 11.0966, 10.8539** is the 20% darker color. If you saturate the color by 10%, you get **22.0655, 26.2070, 23.3051**, and if you desaturate by 10%, it is **28.7381, 29.4295, 33.4354**.

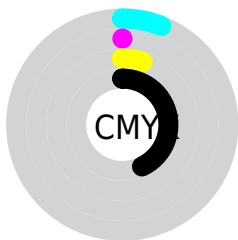
Distribution



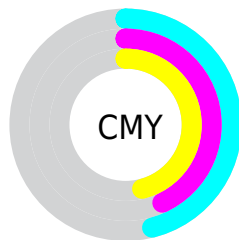
- Red (54%)
- Green (57%)
- Blue (54%)



- Red (54%)
- Yellow (57%)
- Blue (57%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1829, 27.7111, 28.0663 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 25.1829, 27.7111, 28.0663 by changing the saturation by 10% instead.

■ 25.1829, 27.7111,
28.0663

■ 25.1829, 27.7111,
28.0663

271.0784,
291.0839, 306.7055

■ 16.3428, 18.1080,
18.1362

■ 51.3945, 56.0229,
57.6146

■ 9.8595, 11.0275,
10.8773

■ 69.4968, 75.5003,
78.0699

■ 5.3674, 6.0854,
5.8713

■ 91.4172, 99.0380,
102.8707

■ 2.5014, 2.8971,
2.6994

117.5211,
127.0203, 132.4355

■ 0.8959, 1.0782,
0.9431

148.1738,
159.8317, 167.1828

■ 0.0000, 0.0000,
0.0000

183.7407,

197.8565, 207.5312

224.5871,
241.4791, 253.8993

■ 25.1829, 27.7111,
28.0663

■ 25.1829, 27.7111,
28.0663

■ 22.0655, 26.2070,
23.3051

■ 28.7381, 29.4295,
33.4354

■ 19.3666, 24.9053,
19.1286

■ 32.7447, 31.3665,
39.4307

■ 17.0692, 23.7985,
15.5148

■ 37.2186, 33.5305,
46.0724

■ 15.1539, 22.8772,
12.4395

■ 42.1743, 35.9286,
53.3789

■ 13.5999, 22.1313,
9.8772

■ 47.6254, 38.5676,
61.3679

■ 12.3844, 21.5494,
7.7997

■ 53.5854, 41.4539,
70.0566

■ 11.4819, 21.1191,
6.1766

■ 60.0669, 44.5938,
79.4614

■ 10.8632, 20.8261,
4.9738

■ 67.0822, 47.9932,
89.5984

■ 10.4866, 20.6498,
4.1521

■ 69.5385, 49.0265,
100.2440

Harmonies

Analogous

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



25.7045, 27.7111, 26.7619



25.1829, 27.7111, 28.0663



24.9705, 27.7111, 29.9844

Triad

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



25.1829, 27.7111, 28.0663



26.2727, 27.7111, 34.3390



27.5970, 27.7111, 28.3788

Complementary

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



25.1829, 27.7111, 28.0663



25.9116, 26.0474, 30.4514

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.



27.7557, 27.7111, 30.3617



25.1829, 27.7111, 28.0663



26.9829, 27.7111, 33.8616

Square

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



25.1829, 27.7111, 28.0663



25.5924, 27.7111, 33.6583



27.5291, 27.7111, 32.3819



27.0991, 27.7111, 26.9364

Rectangle

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



25.1829, 27.7111, 28.0663



25.0298, 27.7111, 31.3750



27.5291, 27.7111, 32.3819



27.6922, 27.7111, 29.0015

Sweetspot

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



25.1837, 27.7123, 28.0669



46.9163, 50.0887, 53.2856



26.4901, 28.3941, 27.7518



10.4552, 11.1516, 11.8815



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.1837, 27.7123, 28.0669



43.8544, 48.6098, 48.6444



25.5089, 27.8424, 29.7796



5.8963, 6.5469, 6.5330



9.1338, 18.1263, 3.4804



0.1169, 0.2239, 0.0696

Inverse Universe

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



25.9116, 26.0474, 30.4514



45.3322, 45.2298, 53.4854



25.5787, 25.9143, 28.6982



6.1017, 6.0772, 7.2058



13.9696, 6.7929, 19.1189



0.1774, 0.0857, 0.2676

Previews

White Background



This preview shows how the XYZ color 25.1829, 27.7111, 28.0663 looks on a white background.

Color Contrast Check

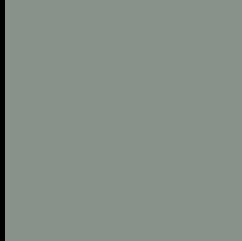
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1829, 27.7111, 28.0663 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

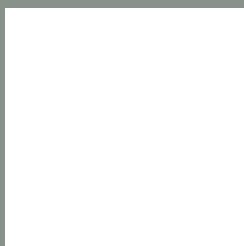
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1829, 27.7111, 28.0663

Background



This preview shows how black text looks on a background with the XYZ color 25.1829, 27.7111, 28.0663.



This preview shows how white text looks on a background with the XYZ color 25.1829, 27.7111,

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

25.1829, 27.7111, 28.0663

Protanopia

26.4791, 27.7184, 27.2471

Deuteranopia

28.1909, 27.7002, 28.2870



Tritanopia

26.5541, 27.5869, 34.9356

Trichromacy



Original Color

25.1829, 27.7111, 28.0663

Protanomaly

25.9902, 27.6820, 27.6402

Deuteranomaly

27.0957, 27.7894, 28.3619

Tritanomaly

26.0455, 27.6054, 32.3894

Monochromacy



Original Color

25.1829, 27.7111, 28.0663

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4454, 27.1435, 29.0974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1829, 27.7111, 28.0663 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(137, 146, 138)` looks like.

```
.text, #text, p{  
    color:rgb(137, 146, 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(137, 146, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 146, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.1829, 27.7111, 28.0663 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(137, 146, 138) }
```


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

```
.border{ border-color:rgb(137, 146, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 146, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 146, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 146, 138);  
box-shadow:4px 4px 4px 4px rgb(137, 146,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1829, 27.7111, 28.0663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 146, 138) }
```

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

```
.background{ background-color: rgb(137,  
146, 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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