

Converting Colors

XYZ(28.0168, 27.0437, 25.0600)

Have a look what the booklet for
XYZ(28.0168, 27.0437, 25.0600)
contains.

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Color

**XYZ(28.0052, 27.0335,
25.2147)**

Conversions

Conversions Part 1

Format	Color
Hex	A38883
RGB	163, 136, 131
RGB Percent	64%, 53%, 51%
CMY	0.3608, 0.4667, 0.4863
CMYK	0.00, 0.17, 0.20, 0.36
HSL	9°, 15%, 58%
HSV	9°, 20%, 64%
XYZ	28.0052, 27.0335, 25.2147
YIQ	143.5030, 17.6970, 4.1690

Conversions

Conversions Part 2

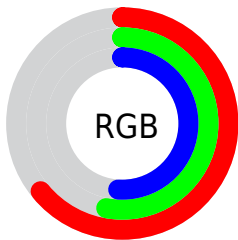
Format	Color
RYB	163, 137, 131
Decimal	10717315
CIELab	59.01, 9.41, 6.50
CIELCh	59, 11.441, 34.629
Yxy	27.0335, 0.3490, 0.3369
Android (android.graphics.Color)	4288907395 (0xFFA38883)
YUV	143.5030, -6.1640, 17.0989
Hunter-Lab	51.9937, 5.1557, 7.6426

Details

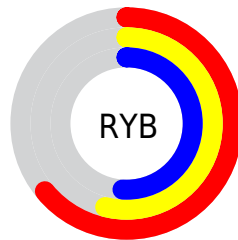
The XYZ color **28.0052, 27.0335, 25.2147** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1977, 31.9229, 39.3263**, and the grayscale version is **26.3291, 27.7003, 30.1656**.

A 20% lighter version of the original color is **55.7628, 54.7613, 52.9784**, and **11.4063, 10.6443, 9.4360** is the 20% darker color. If you saturate the color by 10%, you get **25.1723, 22.9986, 19.2420**, and if you desaturate by 10%, it is **31.2620, 31.6374, 32.1868**.

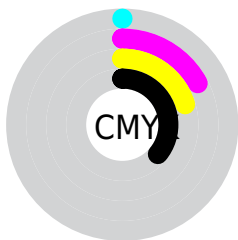
Distribution



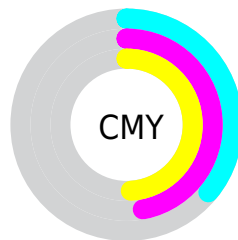
- Red (64%)
- Green (53%)
- Blue (51%)



- Red (64%)
- Yellow (54%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0052, 27.0335, 25.2147 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 28.0052, 27.0335, 25.2147 by changing the saturation by 10% instead.

■ 28.0052, 27.0335,
25.2147

■ 28.0052, 27.0335,
25.2147

284.5714,
287.8193, 292.3873

■ 18.4701, 17.5984,
16.0166

■ 55.9013, 54.9376,
52.9737

■ 11.3897, 10.6620,
9.3814

■ 74.9930, 74.1754,
72.3718

■ 6.3988, 5.8401,
4.8906

■ 98.0009, 97.4496,
96.0069

■ 3.1320, 2.7481,
2.1256

125.2904,
125.1444, 124.2976

■ 1.2240, 1.0017,
0.6309

157.2269,
157.6445, 157.6625

■ 0.1252, 0.0000,
0.0000

194.1756,

■ 0.0000, 0.0000,

195.3340, 196.5200

0.0000

236.5020,
238.5975, 241.2888

■ 28.0052, 27.0335,
25.2147

■ 28.0052, 27.0335,
25.2147

■ 25.1723, 22.9986,
19.2420

■ 31.2620, 31.6374,
32.1868

■ 22.7435, 19.5070,
14.2213

■ 34.9568, 36.8275,
40.1995

■ 20.7008, 16.5365,
10.1036

■ 39.1060, 42.6247,
49.2936

■ 19.0241, 14.0620,
6.8351

■ 43.7244, 49.0478,
59.5075

■ 17.6912, 12.0561,
4.3561

■ 48.8261, 56.1147,
70.8774

■ 16.6775, 10.4889,
2.5992

■ 54.4247, 63.8429,
83.4380

■ 15.9549, 9.3270,
1.4856

■ 60.5331, 72.2488,
97.2226

■ 15.4769, 8.5262,
0.8472

■ 66.1158, 80.9293,
106.7440

■ 15.4625, 8.5027,
0.8262

■ 68.9144, 86.5266,
107.6769

Harmonies

Analogous

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



28.5106, 27.0335, 28.8088



28.0052, 27.0335, 25.2147



26.8812, 27.0335, 22.9250

Triad

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



28.0052, 27.0335, 25.2147



23.3077, 27.0335, 26.2127



25.9153, 27.0335, 37.9289

Complementary

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



28.0052, 27.0335, 25.2147



28.1977, 31.9229, 39.3263

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.



24.5433, 27.0335, 37.0734



28.0052, 27.0335, 25.2147



23.0703, 27.0335, 30.0700

Square

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



28.0052, 27.0335, 25.2147



24.1753, 27.0335, 23.4630



23.5146, 27.0335, 34.1015



27.2761, 27.0335, 36.3428

Rectangle

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



28.0052, 27.0335, 25.2147



25.9507, 27.0335, 22.3216



23.5146, 27.0335, 34.1015



25.4401, 27.0335, 37.9185

Sweetspot

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



28.0059, 27.0347, 25.2153



58.2255, 59.8099, 62.4787



29.4098, 26.4951, 36.0025



12.9884, 13.3082, 13.8403



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.0059, 27.0347, 25.2153



47.6206, 44.8129, 39.7906



30.3972, 31.8173, 26.0124



7.1591, 7.2565, 7.4034



12.0398, 6.6534, 0.6497



0.2769, 0.1877, 0.0216

Inverse Universe

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



28.1977, 31.9229, 39.3263



48.0318, 55.3452, 70.2073



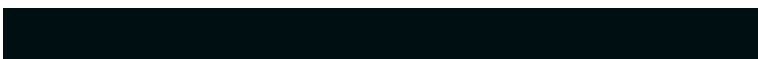
25.6741, 26.8756, 38.4851



7.1814, 7.8218, 9.0343



12.1746, 16.1286, 29.4013



0.2796, 0.3865, 0.6257

Previews

White Background



This preview shows how the XYZ color 28.0052, 27.0335, 25.2147 looks on a white background.

Color Contrast Check

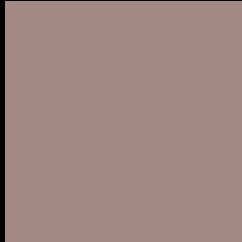
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0052, 27.0335, 25.2147 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 28.0052, 27.0335, 25.2147

Background



This preview shows how black text looks on a background with the XYZ color 28.0052, 27.0335, 25.2147.



This preview shows how white text looks on a background with the XYZ color 28.0052, 27.0335,

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

28.0052, 27.0335, 25.2147

Protanopia

26.0087, 27.2703, 26.4471

Deuteranopia

27.5396, 27.0036, 25.2335



Tritanopia

29.0762, 27.0631, 30.0768

Trichromacy



Original Color

28.0052, 27.0335, 25.2147

Protanomaly

26.7486, 27.2219, 26.0349

Deuteranomaly

27.7403, 27.1071, 25.2428

Tritanomaly

28.6340, 27.0845, 28.1448

Monochromacy



Original Color

28.0052, 27.0335, 25.2147

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9476, 27.4931, 28.3125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0052, 27.0335, 25.2147 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(163, 136, 131)` looks like.

```
.text, #text, p{  
    color:rgb(163, 136, 131)  
}
```

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(163, 136, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 136, 131) }
```

Border

The CSS property to change the border of an element to XYZ 28.0052, 27.0335, 25.2147 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(163, 136, 131) }
```


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

```
.border{ border-color:rgb(163, 136, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 136, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 136, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 136, 131);  
box-shadow:4px 4px 4px 4px rgb(163, 136,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0052, 27.0335, 25.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 136, 131) }
```

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

```
.background{ background-color: rgb(163,  
136, 131) }
```

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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