

Converting Colors

XYZ(27.3062, 29.8784, 25.3938)

Have a look what the booklet for
XYZ(27.3062, 29.8784, 25.3938)
contains.

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Color

**XYZ(27.3300, 29.8140,
25.4333)**

Conversions

Conversions Part 1

Format	Color
Hex	959682
RGB	149, 150, 130
RGB Percent	58%, 59%, 51%
CMY	0.4157, 0.4117, 0.4902
CMYK	0.01, 0.00, 0.13, 0.41
HSL	63°, 9%, 55%
HSV	63°, 13%, 59%
XYZ	27.3300, 29.8140, 25.4333
YIQ	147.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

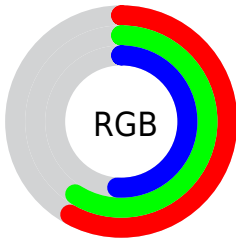
Format	Color
RYB	130, 150, 131
Decimal	9803394
CIELab	61.49, -4.01, 10.44
CIElCh	61, 11.180, 110.996
Yxy	29.8140, 0.3310, 0.3610
Android (android.graphics.Color)	4287993474 (0xFF959682)
YUV	147.4210, -8.5886, 1.3848
Hunter-Lab	54.6022, -6.2094, 10.6047

Details

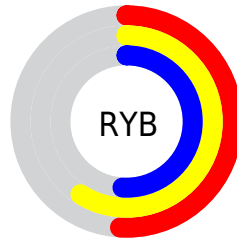
The XYZ color **27.3300, 29.8140, 25.4333** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8490, 22.9934, 32.0898**, and the grayscale version is **27.9410, 29.3961, 32.0124**.

A 20% lighter version of the original color is **54.7687, 59.3011, 53.3594**, and **10.9840, 12.1144, 9.5440** is the 20% darker color. If you saturate the color by 10%, you get **26.2591, 29.3708, 20.5050**, and if you desaturate by 10%, it is **28.5502, 30.3190, 31.1361**.

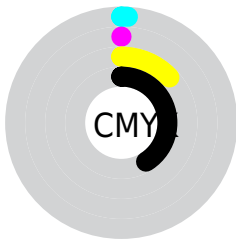
Distribution



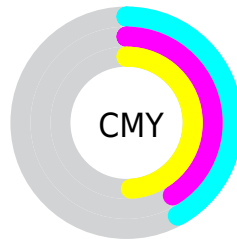
- Red (58%)
- Green (59%)
- Blue (51%)



- Red (51%)
- Yellow (59%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3300, 29.8140, 25.4333 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 27.3300, 29.8140, 25.4333 by changing the saturation by 10% instead.

■ 27.3300, 29.8140,
25.4333

■ 27.3300, 29.8140,
25.4333

281.3899,
301.0365, 293.5054

■ 17.9591, 19.6975,
16.1782

■ 54.8291, 59.3679,
53.3321

■ 11.0201, 12.1753,
9.4946

■ 73.6880, 79.5741,
72.8129

■ 6.1478, 6.8632,
4.9640

■ 96.4403, 103.9122,
96.5394

■ 2.9767, 3.3767,
2.1678

123.4513,
132.7667, 124.9300

■ 1.1414, 1.3314,
0.6557

155.0865,
166.5220, 158.4034

■ 0.0594, 0.1653,
0.0000

191.7110,

■ 0.0000, 0.0000,

205.5625, 197.3781

0.0000

233.6904,
250.2725, 242.2726

■ 27.3300, 29.8140,
25.4333

■ 27.3300, 29.8140,
25.4333

■ 26.2591, 29.3708,
20.5050

■ 28.5502, 30.3190,
31.1361

■ 25.3288, 28.9830,
16.3160

■ 29.9233, 30.8842,
37.6427

■ 24.5331, 28.6491,
12.8311

■ 31.4556, 31.5133,
44.9834

■ 23.8646, 28.3662,
10.0117

■ 33.1526, 32.2083,
53.1863

■ 23.3153, 28.1310,
7.8153

■ 35.0192, 32.9713,
62.2780

■ 22.8762, 27.9401,
6.1946

■ 37.0604, 33.8042,
72.2842

■ 22.5370, 27.7892,
5.0956

■ 39.2808, 34.7089,
83.2295

■ 22.2856, 27.6736,
4.4541

■ 41.6849, 35.6872,
95.1374

■ 22.1442, 27.6070,
4.1616

■ 42.6239, 36.0795,
99.3253

Harmonies

Analogous

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



28.7850, 29.8140, 25.0607



27.3300, 29.8140, 25.4333



26.1832, 29.8140, 27.5989

Triad

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



27.3300, 29.8140, 25.4333



26.5839, 29.8140, 39.2156



31.2416, 29.8140, 33.7546

Complementary

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



27.3300, 29.8140, 25.4333



22.8490, 22.9934, 32.0898

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.



30.6065, 29.8140, 37.8660



27.3300, 29.8140, 25.4333



27.8943, 29.8140, 41.1944

Square

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



27.3300, 29.8140, 25.4333



25.7630, 29.8140, 35.4705



29.3691, 29.8140, 40.6801



31.0777, 29.8140, 29.6293

Rectangle

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



27.3300, 29.8140, 25.4333



25.7313, 29.8140, 29.8804



29.3691, 29.8140, 40.6801



31.1136, 29.8140, 35.1890

Sweetspot

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



27.3308, 29.8153, 25.4339



50.2126, 53.4334, 54.1483



24.7242, 24.3291, 24.5124



11.0929, 11.8272, 11.8360



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.



27.3308, 29.8153, 25.4339



47.6396, 52.3698, 42.1502



25.5842, 28.9149, 25.3522



6.2370, 6.7300, 6.2108



18.3730, 22.8995, 3.4517



0.2320, 0.2839, 0.0426

Inverse Universe

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



22.8490, 22.9934, 32.0898



38.1572, 37.9362, 56.2326



24.4731, 23.8307, 32.1658



5.5248, 5.6460, 7.2683



4.6523, 1.8709, 24.0470



0.0623, 0.0257, 0.2946

Previews

White Background



This preview shows how the XYZ color 27.3300, 29.8140, 25.4333 looks on a white background.

Color Contrast Check

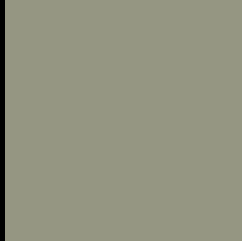
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3300, 29.8140, 25.4333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

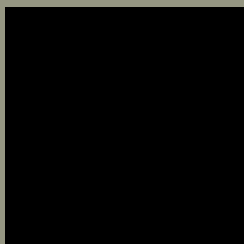
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

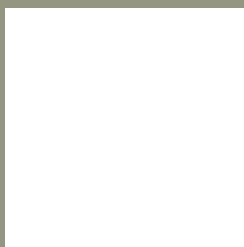
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3300, 29.8140, 25.4333

Background



This preview shows how black text looks on a background with the XYZ color 27.3300, 29.8140, 25.4333.



This preview shows how white text looks on a background with the XYZ color 27.3300, 29.8140,

25.4333.

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

27.3300, 29.8140, 25.4333

Protanopia

28.2627, 29.8327, 25.0376

Deuteranopia

30.2814, 29.7186, 25.6130



Tritanopia

29.5873, 29.7987, 36.5401

Trichromacy



Original Color

27.3300, 29.8140, 25.4333

Protanomaly

27.8468, 29.8522, 25.0632

Deuteranomaly

29.2759, 29.8778, 25.6967

Tritanomaly

28.7279, 29.6810, 32.2318

Monochromacy



Original Color

27.3300, 29.8140, 25.4333

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6104, 29.3988, 29.4186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3300, 29.8140, 25.4333 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(149, 150, 130)` looks like.

```
.text, #text, p{  
    color:rgb(149, 150, 130)  
}
```

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(149, 150, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 150, 130) }
```

Border

The CSS property to change the border of an element to XYZ 27.3300, 29.8140, 25.4333 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(149, 150, 130) }
```


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

```
.border{ border-color:rgb(149, 150, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 150, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 150, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 150, 130); box-shadow:4px 4px 4px 4px rgb(149, 150, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3300, 29.8140, 25.4333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 150, 130) }
```

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

```
.background{ background-color: rgb(149,  
150, 130) }
```

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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