

Converting Colors

XYZ(27.4656, 29.8682, 26.1473)

Have a look what the booklet for
XYZ(27.4656, 29.8682, 26.1473)
contains.

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Color

**XYZ(27.4656, 29.8682,
26.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	959684
RGB	149, 150, 132
RGB Percent	58%, 59%, 52%
CMY	0.4157, 0.4117, 0.4823
CMYK	0.01, 0.00, 0.12, 0.41
HSL	63°, 8%, 55%
HSV	63°, 12%, 59%
XYZ	27.4656, 29.8682, 26.1473
YIQ	147.6490, 5.1820, -5.8100

Conversions

Conversions Part 2

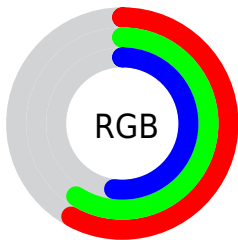
Format	Color
R_{YB}	132, 150, 133
Decimal	9803396
CIE Lab	61.54, -3.66, 9.38
CIE LCh	62, 10.067, 111.339
Yxy	29.8682, 0.3290, 0.3578
Android (android.graphics.Color)	4287993476 (0xFF959684)
YUV	147.6490, -7.7150, 1.1848
Hunter-Lab	54.6518, -5.9344, 9.8899

Details

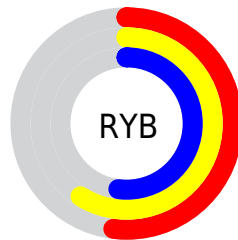
The XYZ color **27.4656, 29.8682, 26.1473** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4303, 23.6919, 32.1939**, and the grayscale version is **28.0324, 29.4923, 32.1171**.

A 20% lighter version of the original color is **54.9784, 59.3850, 54.4637**, and **11.0602, 12.1449, 9.9449** is the 20% darker color. If you saturate the color by 10%, you get **26.3604, 29.4095, 21.1171**, and if you desaturate by 10%, it is **28.7212, 30.3891, 31.9563**.

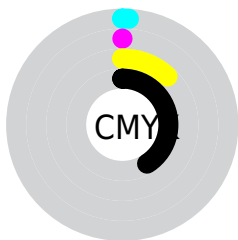
Distribution



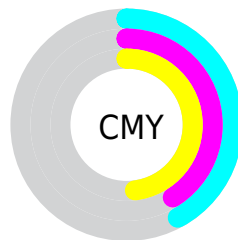
- Red (58%)
- Green (59%)
- Blue (52%)



- Red (52%)
- Yellow (59%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4656, 29.8682, 26.1473 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 27.4656, 29.8682, 26.1473 by changing the saturation by 10% instead.

■ 27.4656, 29.8682,
26.1473

■ 27.4656, 29.8682,
26.1473

282.0311,
301.2896, 297.1329

■ 18.0616, 19.7386,
16.7071

■ 55.0447, 59.4537,
54.4995

■ 11.0942, 12.2052,
9.8661

■ 73.9506, 79.6783,
74.2486

■ 6.1980, 6.8836,
5.2059

■ 96.7544, 104.0368,
98.2710

■ 3.0076, 3.3894,
2.3077

123.8216,
132.9134, 126.9854

■ 1.1578, 1.3382,
0.7355

155.5176,
166.6926, 160.8102

■ 0.0727, 0.1705,
0.0000

192.2075,

■ 0.0000, 0.0000,

205.7588, 200.1640

0.0000

234.2569,
250.4963, 245.4654

■ 27.4656, 29.8682,
26.1473

■ 27.4656, 29.8682,
26.1473

■ 26.3604, 29.4095,
21.1171

■ 28.7212, 30.3891,
31.9563

■ 25.3968, 29.0067,
16.8307

■ 30.1305, 30.9707,
38.5732

■ 24.5690, 28.6583,
13.2535

■ 31.7001, 31.6164,
46.0280

■ 23.8697, 28.3613,
10.3470

■ 33.4352, 32.3285,
54.3485

■ 23.2908, 28.1127,
8.0695

■ 35.3409, 33.1090,
63.5614

■ 22.8237, 27.9089,
6.3744

■ 37.4219, 33.9597,
73.6922

■ 22.4581, 27.7459,
5.2086

■ 39.6830, 34.8826,
84.7652

■ 22.1822, 27.6189,
4.5096

■ 42.1285, 35.8794,
96.8039

■ 22.0012, 27.5332,
4.1549

■ 42.7691, 36.1544,
99.3321

Harmonies

Analogous

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



28.7769, 29.8682, 25.7859



27.4656, 29.8682, 26.1473



26.4325, 29.8682, 28.1445

Triad

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



27.4656, 29.8682, 26.1473



26.8163, 29.8682, 38.6018



31.0010, 29.8682, 33.6403

Complementary

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



27.4656, 29.8682, 26.1473



23.4303, 23.6919, 32.1939

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.



30.4393, 29.8682, 37.3301



27.4656, 29.8682, 26.1473



28.0043, 29.8682, 40.3381

Square

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



27.4656, 29.8682, 26.1473



26.0659, 29.8682, 35.2686



29.3325, 29.8682, 39.8553



30.8458, 29.8682, 29.9207

Rectangle

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



27.4656, 29.8682, 26.1473



26.0272, 29.8682, 30.2269



29.3325, 29.8682, 39.8553



30.8891, 29.8682, 34.9291

Sweetspot

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



27.4664, 29.8695, 26.1479



50.2016, 53.4277, 54.1478



25.1173, 24.8984, 25.3122



11.0901, 11.8257, 11.8359



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.



27.4664, 29.8695, 26.1479



48.0029, 52.5164, 44.0052



25.9044, 29.0642, 26.0748



6.2338, 6.7284, 6.2106



18.2553, 22.8388, 3.4462



0.2313, 0.2836, 0.0425

Inverse Universe

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



23.4303, 23.6919, 32.1939



39.6600, 39.7466, 56.5028



24.8954, 24.4471, 32.2624



5.5276, 5.6475, 7.2685



4.6618, 1.8758, 24.0474



0.0630, 0.0260, 0.2946

Previews

White Background



This preview shows how the XYZ color 27.4656, 29.8682, 26.1473 looks on a white background.

Color Contrast Check

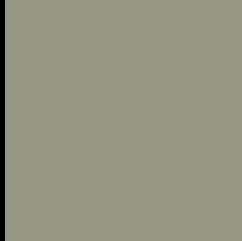
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4656, 29.8682, 26.1473 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 27.4656, 29.8682, 26.1473

Background



This preview shows how black text looks on a background with the XYZ color 27.4656, 29.8682, 26.1473.



This preview shows how white text looks on a background with the XYZ color 27.4656, 29.8682,

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

27.4656, 29.8682, 26.1473

Protanopia

28.2042, 29.7871, 25.7357

Deuteranopia

30.2045, 29.6632, 26.3239



Tritanopia

29.5873, 29.7987, 36.5401

Trichromacy



Original Color

27.4656, 29.8682, 26.1473

Protanomaly

27.9810, 29.9059, 25.7704

Deuteranomaly

29.2105, 29.8283, 26.4082

Tritanomaly

28.8074, 29.7128, 32.6506

Monochromacy



Original Color

27.4656, 29.8682, 26.1473

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8427, 29.7438, 29.8648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4656, 29.8682, 26.1473 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, 132) looks like.

```
.text, #text, p{  
    color:rgb(149, 150, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 150, 132) }
```

Border

The CSS property to change the border of an element to XYZ 27.4656, 29.8682, 26.1473 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, 132) }
```


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

```
.border{ border-color:rgb(149, 150, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 150, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 150, 132);  
box-shadow:4px 4px 4px 4px rgb(149, 150,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4656, 29.8682, 26.1473 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, 132) }
```

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

```
.background{ background-color: rgb(149,  
150, 132) }
```

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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