

Converting Colors

XYZ(26.9105, 29.5985, 25.4142)

Have a look what the booklet for
XYZ(26.9105, 29.5985, 25.4142)
contains.

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Color

**XYZ(26.9682, 29.6274,
25.4164)**

Conversions

Conversions Part 1

Format	Color
Hex	939682
RGB	147, 150, 130
RGB Percent	58%, 59%, 51%
CMY	0.4235, 0.4118, 0.4902
CMYK	0.02, 0.00, 0.13, 0.41
HSL	69°, 9%, 55%
HSV	69°, 13%, 59%
XYZ	26.9682, 29.6274, 25.4164
YIQ	146.8230, 4.6320, -6.8560

Conversions

Conversions Part 2

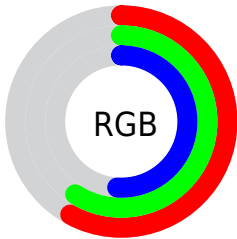
Format	Color
RYB	130, 150, 133
Decimal	9672322
CIELab	61.33, -4.77, 10.19
CIELCh	61, 11.247, 115.095
Yxy	29.6274, 0.3288, 0.3613
Android (android.graphics.Color)	4287862402 (0xFF939682)
YUV	146.8230, -8.2937, 0.1552
Hunter-Lab	54.4311, -6.8154, 10.4165

Details

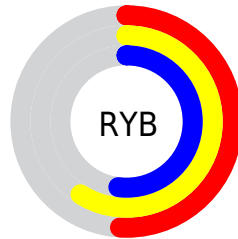
The XYZ color **26.9682, 29.6274, 25.4164** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1617, 23.1546, 32.1042**, and the grayscale version is **27.6925, 29.1347, 31.7277**.

A 20% lighter version of the original color is **54.2275, 59.0221, 53.3341**, and **10.7709, 12.0046, 9.5340** is the 20% darker color. If you saturate the color by 10%, you get **25.6343, 29.0486, 20.4758**, and if you desaturate by 10%, it is **28.4585, 30.2716, 31.1318**.

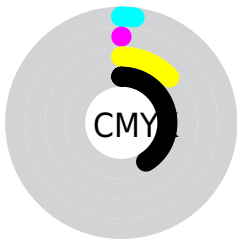
Distribution



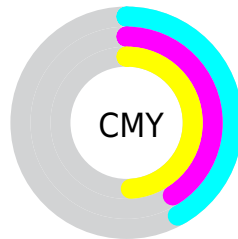
- Red (58%)
- Green (59%)
- Blue (51%)



- Red (51%)
- Yellow (59%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9682, 29.6274, 25.4164 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 26.9682, 29.6274, 25.4164 by changing the saturation by 10% instead.

■ 26.9682, 29.6274,
25.4164

■ 26.9682, 29.6274,
25.4164

279.6735,
300.1638, 293.4191

■ 17.6858, 19.5559,
16.1657

■ 54.2531, 59.0724,
53.3044

■ 10.8230, 12.0727,
9.4859

■ 72.9863, 79.2148,
72.7788

■ 6.0143, 6.7932,
4.9583

■ 95.6005, 103.4829,
96.4982

■ 2.8945, 3.3331,
2.1645

122.4610,
132.2612, 124.8812

■ 1.0982, 1.3080,
0.6538

153.9332,
165.9340, 158.3462

■ 0.0236, 0.1474,
0.0000

190.3824,

■ 0.0000, 0.0000,

204.8858, 197.3118

0.0000

232.1741,
249.5009, 242.1966

■ 26.9682, 29.6274,
25.4164

■ 26.9682, 29.6274,
25.4164

■ 25.6343, 29.0486,
20.4758

■ 28.4585, 30.2716,
31.1318

■ 24.4479, 28.5288,
16.2748

■ 30.1087, 30.9797,
37.6514

■ 23.4030, 28.0664,
12.7783

■ 31.9252, 31.7553,
45.0054

■ 22.4923, 27.6586,
9.9475

■ 33.9136, 32.6005,
53.2219

■ 21.7076, 27.3022,
7.7401

■ 36.0788, 33.5174,
62.3275

■ 21.0400, 26.9934,
6.1087

■ 38.4257, 34.5080,
72.3480

■ 20.4790, 26.7282,
4.9993

■ 40.9592, 35.5740,
83.3079

■ 20.0124, 26.5016,
4.3477

■ 43.6836, 36.7175,
95.2308

■ 19.7313, 26.3630,
4.0486

■ 44.9504, 37.2788,
99.4341

Harmonies

Analogous

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



28.4044, 29.6274, 24.7898



26.9682, 29.6274, 25.4164



25.8863, 29.6274, 27.8096

Triad

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



26.9682, 29.6274, 25.4164



26.5601, 29.6274, 39.4282



31.0966, 29.6274, 32.9623

Complementary

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



26.9682, 29.6274, 25.4164



23.1617, 23.1546, 32.1042

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.



30.5630, 29.6274, 37.1598



26.9682, 29.6274, 25.4164



27.9169, 29.6274, 41.0959

Square

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



26.9682, 29.6274, 25.4164



25.6565, 29.6274, 35.8470



29.3863, 29.6274, 40.2316



30.8211, 29.6274, 28.9192

Rectangle

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



26.9682, 29.6274, 25.4164



25.4941, 29.6274, 30.2045



29.3863, 29.6274, 40.2316



31.0054, 29.6274, 34.4050

Sweetspot

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



26.9690, 29.6287, 25.4170



50.0150, 53.3315, 54.1391



24.9955, 24.8716, 24.6028



11.0417, 11.8008, 11.8336



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.



26.9690, 29.6287, 25.4170



46.8617, 51.9688, 42.1138



25.2532, 28.7441, 25.3367



6.1808, 6.7010, 6.2081



16.3851, 21.8747, 3.3587



0.2192, 0.2774, 0.0420

Inverse Universe

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



23.1617, 23.1546, 32.1042



38.8065, 38.2710, 56.2630



24.8163, 24.0076, 32.1817



5.5758, 5.6723, 7.2707



4.8681, 1.9822, 24.0571



0.0751, 0.0322, 0.2952

Previews

White Background



This preview shows how the XYZ color 26.9682, 29.6274, 25.4164 looks on a white background.

Color Contrast Check

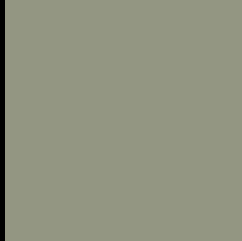
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9682, 29.6274, 25.4164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

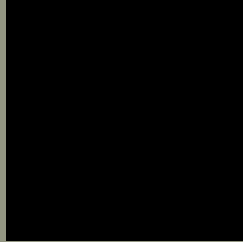
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9682, 29.6274, 25.4164

Background



This preview shows how black text looks on a background with the XYZ color 26.9682, 29.6274, 25.4164.



This preview shows how white text looks on a background with the XYZ color 26.9682, 29.6274,

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

26.9682, 29.6274, 25.4164

Protanopia

28.0699, 29.7334, 25.0285

Deuteranopia

30.0676, 29.6084, 25.6030



Tritanopia

29.2129, 29.6057, 36.5225

Trichromacy



Original Color

26.9682, 29.6274, 25.4164

Protanomaly

27.6588, 29.7553, 25.0544

Deuteranomaly

28.8728, 29.6700, 25.6779

Tritanomaly

28.3567, 29.4896, 32.2145

Monochromacy



Original Color

26.9682, 29.6274, 25.4164

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4302, 29.3059, 29.4102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9682, 29.6274, 25.4164 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(147, 150, 130)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 150, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 150, 130) }
```

Border

The CSS property to change the border of an element to XYZ 26.9682, 29.6274, 25.4164 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(147, 150, 130) }
```


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

```
.border{ border-color:rgb(147, 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(147, 150, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 150, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 150, 130);  
box-shadow:4px 4px 4px 4px rgb(147, 150,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9682, 29.6274, 25.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 150, 130) }
```

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

```
.background{ background-color: rgb(147,  
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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