

Converting Colors

XYZ(27.3179, 26.6259, 27.7925)

Have a look what the booklet for
XYZ(27.3179, 26.6259, 27.7925)
contains.

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Color

**XYZ(27.2962, 26.6114,
27.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	9D888A
RGB	157, 136, 138
RGB Percent	62%, 53%, 54%
CMY	0.3843, 0.4667, 0.4588
CMYK	0.00, 0.13, 0.12, 0.38
HSL	354°, 10%, 57%
HSV	354°, 13%, 62%
XYZ	27.2962, 26.6114, 27.7426
YIQ	142.5070, 11.8740, 5.0740

Conversions

Conversions Part 2

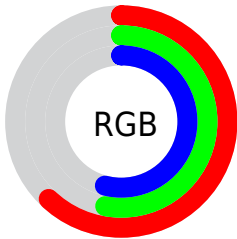
Format	Color
R_{YB}	157, 136, 138
Decimal	10324106
CIE Lab	58.61, 8.27, 1.85
CIE LCh	59, 8.479, 12.608
Yxy	26.6114, 0.3343, 0.3259
Android (android.graphics.Color)	4288514186 (0xFF9D888A)
YUV	142.5070, -2.2220, 12.7104
Hunter-Lab	51.5862, 4.1751, 4.2248

Details

The XYZ color **27.2962, 26.6114, 27.7426** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1277, 31.7153, 35.6510**, and the grayscale version is **25.9180, 27.2677, 29.6946**.

A 20% lighter version of the original color is **54.7529, 54.1538, 56.8572**, and **11.0331, 10.4243, 10.6631** is the 20% darker color. If you saturate the color by 10%, you get **24.2829, 22.1243, 21.9912**, and if you desaturate by 10%, it is **30.7695, 31.8025, 34.3118**.

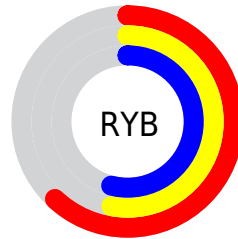
Distribution



Red (62%)

Green (53%)

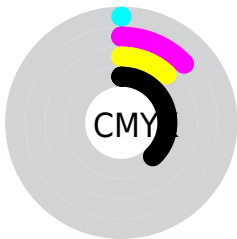
Blue (54%)



Red (62%)

Yellow (53%)

Blue (54%)

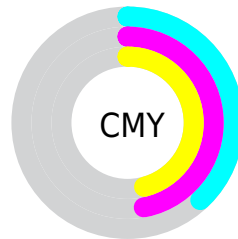


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (38%)



Cyan (38%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2962, 26.6114, 27.7426 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 27.2962, 26.6114, 27.7426 by changing the saturation by 10% instead.

■ 27.2962, 26.6114,
27.7426

■ 27.2962, 26.6114,
27.7426

281.2299,
285.7706, 305.1081

■ 17.9335, 17.2816,
17.8944

■ 54.7753, 54.2597,
57.0914

■ 11.0017, 10.4355,
10.7055

■ 73.6225, 73.3469,
77.4290

■ 6.1353, 5.6886,
5.7575

■ 96.3620, 96.4554,
102.1002

■ 2.9689, 2.6567,
2.6318

123.3590,
123.9695, 131.5234

■ 1.1374, 0.9552,
0.9088

154.9789,
156.2738, 166.1173

■ 0.0560, 0.0000,
0.0000

191.5871,

■ 0.0000, 0.0000,

193.7524, 206.3003

0.0000

233.5490,
236.7899, 252.4911

■ 27.2962, 26.6114,
27.7426

■ 27.2962, 26.6114,
27.7426

■ 24.2829, 22.1243,
21.9912

■ 30.7695, 31.8025,
34.3118

■ 21.7081, 18.3076,
17.0239

■ 34.7186, 37.7223,
41.7273

■ 19.5520, 15.1301,
12.8073


■ 39.1614, 44.3987,
50.0184


■ 17.7924, 12.5567,
9.3047


■ 44.1140, 51.8573,
59.2123


■ 16.4050, 10.5493,
6.4766

■ 49.5920, 60.1221,
69.3352

 15.3628, 9.0650,
4.2793


 55.6103, 69.2163,
80.4121


 14.6353, 8.0551,
2.6643

 62.1830, 79.1621,
92.4671

 14.1862, 7.4614,
1.5757

 67.1808, 85.6946,
104.8092

 13.9905, 7.2024,
1.1023

 67.7147, 85.9081,
107.6207

Harmonies

Analogous

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



27.2508, 26.6114, 30.7217



27.2962, 26.6114, 27.7426



26.7944, 26.6114, 25.2672

Triad

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



27.2962, 26.6114, 27.7426



23.9631, 26.6114, 24.9599



24.7001, 26.6114, 34.7936

Complementary

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



27.2962, 26.6114, 27.7426



28.1277, 31.7153, 35.6510

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.



23.8494, 26.6114, 33.0295



27.2962, 26.6114, 27.7426



23.4320, 26.6114, 27.2964

Square

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



27.2962, 26.6114, 27.7426



24.8592, 26.6114, 23.7362



23.3909, 26.6114, 30.2440



25.7325, 26.6114, 34.9336

Rectangle

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



27.2962, 26.6114, 27.7426



26.2249, 26.6114, 24.1804



23.3909, 26.6114, 30.2440



24.3841, 26.6114, 34.3656

Sweetspot

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



27.2969, 26.6126, 27.7432



54.6398, 56.2587, 60.5722



28.3891, 27.0025, 35.6142



11.9206, 12.2260, 13.1352



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.2969, 26.6126, 27.7432



47.2182, 45.1735, 46.5129



28.3833, 29.0145, 27.3984



6.6574, 6.6559, 7.0471



11.3696, 5.8524, 0.9311



0.2099, 0.1073, 0.0514

Inverse Universe

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



27.2969, 26.6126, 27.7432



47.2182, 45.1735, 46.5129



26.9244, 29.0380, 36.0843



6.6574, 6.6559, 7.0471



11.3696, 5.8524, 0.9311



0.2099, 0.1073, 0.0514

Previews

White Background



This preview shows how the XYZ color 27.2962, 26.6114, 27.7426 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 27.2962, 26.6114, 27.7426 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

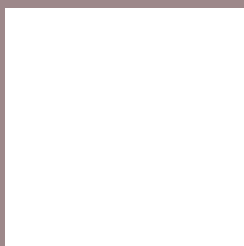
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2962, 26.6114, 27.7426

Background



This preview shows how black text looks on a background with the XYZ color 27.2962, 26.6114, 27.7426.



This preview shows how white text looks on a background with the XYZ color 27.2962, 26.6114,

27.7426.

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

27.2962, 26.6114, 27.7426

Protanopia

25.6133, 26.5789, 28.5912

Deuteranopia

27.1019, 26.5112, 27.7335



Tritanopia

27.8754, 26.6414, 30.4612

Trichromacy



Original Color

27.2962, 26.6114, 27.7426

Protanomaly

26.2872, 26.7189, 28.1979

Deuteranomaly

27.1019, 26.5112, 27.7335

Tritanomaly

27.6470, 26.5500, 29.2587

Monochromacy



Original Color

27.2962, 26.6114, 27.7426

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.3985, 26.9752, 29.0147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2962, 26.6114, 27.7426 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(157, 136, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 136, 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(157, 136, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 136, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.2962, 26.6114, 27.7426 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(157, 136, 138) }
```


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

```
.border{ border-color:rgb(157, 136, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 136, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 136, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 136, 138);  
box-shadow:4px 4px 4px 4px rgb(157, 136,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2962, 26.6114, 27.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 136, 138) }
```

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

```
.background{ background-color: rgb(157,  
136, 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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