

Converting Colors

XYZ(27.1132, 26.0719, 26.3029)

Have a look what the booklet for
XYZ(27.1132, 26.0719, 26.3029)
contains.

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Color

**XYZ(27.1262, 26.1424,
26.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8686
RGB	159, 134, 134
RGB Percent	62%, 53%, 53%
CMY	0.3765, 0.4745, 0.4745
CMYK	0.00, 0.16, 0.16, 0.38
HSL	0°, 12%, 57%
HSV	0°, 16%, 62%
XYZ	27.1262, 26.1424, 26.1705
YIQ	141.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

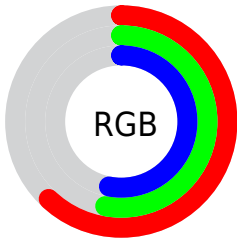
Format	Color
R _Y B	159, 134, 134
Decimal	10454662
CIE Lab	58.17, 9.49, 3.53
CIE LCh	58, 10.125, 20.419
Yxy	26.1424, 0.3415, 0.3291
Android (android.graphics.Color)	4288644742 (0xFF9F8686)
YUV	141.4750, -3.6852, 15.3694
Hunter-Lab	51.1296, 5.2241, 5.4434

Details

The XYZ color **27.1262, 26.1424, 26.1705** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4872, 32.3668, 37.5469**, and the grayscale version is **25.5146, 26.8433, 29.2324**.

A 20% lighter version of the original color is **54.4715, 53.4246, 54.4547**, and **10.8340, 10.1065, 9.7673** is the 20% darker color. If you saturate the color by 10%, you get **24.0651, 21.6633, 20.0841**, and if you desaturate by 10%, it is **30.6859, 31.3512, 33.2464**.

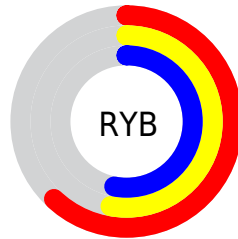
Distribution



Red (62%)

Green (53%)

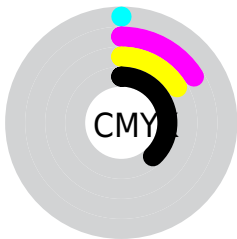
Blue (53%)



Red (62%)

Yellow (53%)

Blue (53%)

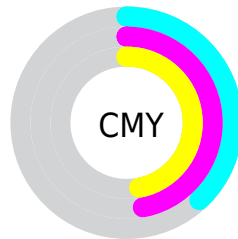


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (38%)



Cyan (38%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1262, 26.1424, 26.1705 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 27.1262, 26.1424, 26.1705 by changing the saturation by 10% instead.

■ 27.1262, 26.1424,
26.1705

■ 27.1262, 26.1424,
26.1705

280.4241,
283.4804, 297.2501

■ 17.8051, 16.9302,
16.7243

■ 54.5048, 53.5046,
54.5373

■ 10.9090, 10.1847,
9.8783

■ 73.2930, 72.4234,
74.2951

■ 6.0725, 5.5216,
5.2138

■ 95.9675, 95.3464,
98.3271

■ 2.9303, 2.5564,
2.3123

122.8939,
122.6582, 127.0519

■ 1.1170, 0.9048,
0.7381

154.4374,
154.7431, 160.8881

■ 0.0393, 0.0000,
0.0000

190.9633,

■ 0.0000, 0.0000,

191.9855, 200.2541

0.0000

232.8371,
234.7698, 245.5686

■ 27.1262, 26.1424,
26.1705

■ 27.1262, 26.1424,
26.1705

■ 24.0651, 21.6633,
20.0841

■ 30.6859, 31.3512,
33.2464

■ 21.4782, 17.8780,
14.9414

■ 34.7627, 37.3166,
41.3513

■ 19.3426, 14.7530,
10.6959

■ 39.3768, 44.0682,
50.5247

■ 17.6324, 12.2504,
7.2961

■ 44.5469, 51.6333,
60.8034

■ 16.3190, 10.3285,
4.6855

■ 50.2906, 60.0377,
72.2225

■ 15.3707, 8.9408,
2.8006

■ 56.6247, 69.3060,
84.8155

■ 14.7506, 8.0333,
1.5681

■ 63.5655, 79.4619,
98.6147

■ 14.4094, 7.5339,
0.8900

■ 68.1081, 86.1109,
107.6391

■ 14.2983, 7.3714,
0.6692

Harmonies

Analogous

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



27.2487, 26.1424, 29.6048



27.1262, 26.1424, 26.1705



26.3823, 26.1424, 23.5655

Triad

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



27.1262, 26.1424, 26.1705



23.0722, 26.1424, 24.3705



24.4567, 26.1424, 35.6650

Complementary

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



27.1262, 26.1424, 26.1705



28.4872, 32.3668, 37.5469

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.



23.3736, 26.1424, 33.9997



27.1262, 26.1424, 26.1705



22.5918, 26.1424, 27.3541

Square

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



27.1262, 26.1424, 26.1705



24.0331, 26.1424, 22.5872



22.7003, 26.1424, 30.8891



25.6803, 26.1424, 35.2823

Rectangle

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



27.1262, 26.1424, 26.1705



25.6471, 26.1424, 22.5582



22.7003, 26.1424, 30.8891



24.0648, 26.1424, 35.3213

Sweetspot

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



27.1269, 26.1436, 26.1710



55.3862, 56.7773, 60.3974



29.0813, 26.9246, 36.4651



12.3844, 12.6506, 13.4131



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.1269, 26.1436, 26.1710



46.4856, 43.7535, 42.7027



28.9574, 29.8046, 26.7812



6.6331, 6.6463, 6.9189



11.2933, 5.8222, 0.5286



0.2019, 0.1041, 0.0095

Inverse Universe

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



28.4872, 32.3668, 37.5469



49.4112, 57.1371, 67.1678



26.4459, 28.2840, 36.8665



6.8218, 7.5093, 8.4966



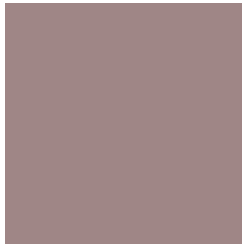
14.7323, 21.5562, 29.2915



0.2634, 0.3855, 0.5237

Previews

White Background



This preview shows how the XYZ color 27.1262, 26.1424, 26.1705 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 27.1262, 26.1424, 26.1705 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

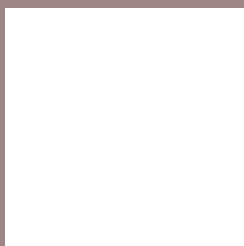
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1262, 26.1424, 26.1705

Background



This preview shows how black text looks on a background with the XYZ color 27.1262, 26.1424, 26.1705.



This preview shows how white text looks on a background with the XYZ color 27.1262, 26.1424,

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

27.1262, 26.1424, 26.1705

Protanopia

25.0757, 26.1110, 27.3852

Deuteranopia

26.6774, 26.1171, 26.1893



Tritanopia

27.8427, 26.2318, 29.5824

Trichromacy



Original Color

27.1262, 26.1424, 26.1705

Protanomaly

25.7840, 26.0585, 26.9634

Deuteranomaly

26.8717, 26.2173, 26.1984

Tritanomaly

27.6184, 26.1421, 28.4012

Monochromacy



Original Color

27.1262, 26.1424, 26.1705

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.8887, 26.3078, 27.7582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1262, 26.1424, 26.1705 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(159, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(159, 134, 134)  
}
```

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(159, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 134, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.1262, 26.1424, 26.1705 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(159, 134, 134) }
```


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

```
.border{ border-color:rgb(159, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(159, 134,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1262, 26.1424, 26.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 134, 134) }
```

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

```
.background{ background-color: rgb(159,  
134, 134) }
```

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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