

Converting Colors

XYZ(27.2741, 26.9953, 24.8271)

Have a look what the booklet for
XYZ(27.2741, 26.9953, 24.8271)
contains.

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Color

**XYZ(27.4158, 27.1596,
24.9164)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8A82
RGB	159, 138, 130
RGB Percent	62%, 54%, 51%
CMY	0.3765, 0.4588, 0.4902
CMYK	0.00, 0.13, 0.18, 0.38
HSL	17°, 13%, 57%
HSV	17°, 18%, 62%
XYZ	27.4158, 27.1596, 24.9164
YIQ	143.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

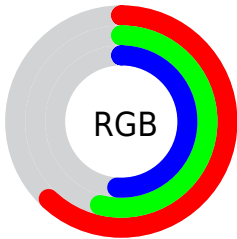
Format	Color
R_{YB}	159, 141, 130
Decimal	10455682
CIE _{Lab}	59.12, 6.56, 7.19
CIE _{LCh}	59, 9.733, 47.610
Yxy	27.1596, 0.3449, 0.3417
Android (android.graphics.Color)	4288645762 (0xFF9F8A82)
YUV	143.3670, -6.5899, 13.7101
Hunter-Lab	52.1149, 2.7015, 8.1335

Details

The XYZ color **27.4158, 27.1596, 24.9164** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5303, 29.3814, 37.0740**, and the grayscale version is **26.2770, 27.6455, 30.1059**.

A 20% lighter version of the original color is **54.9096, 54.9766, 52.5173**, and **11.0383, 10.6993, 9.2680** is the 20% darker color. If you saturate the color by 10%, you get **24.8651, 23.6360, 19.2014**, and if you desaturate by 10%, it is **30.3080, 31.1018, 31.5596**.

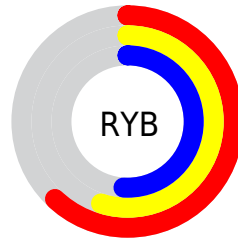
Distribution



Red (62%)

Green (54%)

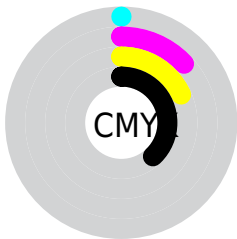
Blue (51%)



Red (62%)

Yellow (55%)

Blue (51%)

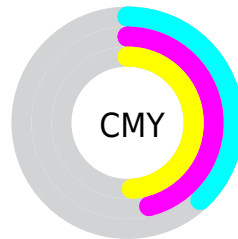


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4158, 27.1596, 24.9164 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 27.4158, 27.1596, 24.9164 by changing the saturation by 10% instead.

■ 27.4158, 27.1596,
24.9164

■ 27.4158, 27.1596,
24.9164

281.7957,
288.4290, 290.8557

■ 18.0239, 17.6931,
15.7963

■ 54.9656, 55.1399,
52.4840

■ 11.0670, 10.7299,
9.2274

■ 73.8542, 74.4224,
71.7686

■ 6.1795, 5.8855,
4.7909

■ 96.6391, 97.7459,
95.2785

■ 2.9962, 2.7756,
2.0685

123.6857,
125.4945, 123.4322

■ 1.1518, 1.0157,
0.5969

155.3593,
158.0527, 156.6482

■ 0.0678, 0.0000,
0.0000

192.0253,

■ 0.0000, 0.0000,

195.8050, 195.3451

0.0000

234.0490,
239.1356, 239.9414

■ 27.4158, 27.1596,
24.9164

■ 27.4158, 27.1596,
24.9164

■ 24.8651, 23.6360,
19.2014

■ 30.3080, 31.1018,
31.5596

■ 22.6407, 20.5135,
14.3713

■ 33.5518, 35.4721,
39.1682

■ 20.7295, 17.7786,
10.3818

■ 37.1596, 40.2844,
47.7794

■ 19.1167, 15.4157,
7.1844

■ 41.1423, 45.5507,
57.4281

■ 17.7860, 13.4082,
4.7252

■ 45.5107, 51.2828,
68.1473

■ 16.7196, 11.7378,
2.9436

■ 50.2748, 57.4917,
79.9687

■ 15.8971, 10.3849,
1.7694

■ 55.4446, 64.1883,
92.9225

■ 15.2869, 9.3239,
1.0744

■ 60.6729, 71.2404,
105.1607

■ 15.1944, 9.1634,
0.9679

■ 63.9850, 77.8646,
106.2647

Harmonies

Analogous

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



28.0974, 27.1596, 27.6007



27.4158, 27.1596, 24.9164



26.3171, 27.1596, 23.5268

Triad

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



27.4158, 27.1596, 24.9164



23.6068, 27.1596, 28.1647



26.5251, 27.1596, 36.3927

Complementary

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



27.4158, 27.1596, 24.9164



26.5303, 29.3814, 37.0740

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.



25.3181, 27.1596, 36.5735



27.4158, 27.1596, 24.9164



23.6585, 27.1596, 31.6354

Square

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



27.4158, 27.1596, 24.9164



24.1329, 27.1596, 25.3014



24.2766, 27.1596, 34.7746



27.5722, 27.1596, 34.2984

Rectangle

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



27.4158, 27.1596, 24.9164



25.5073, 27.1596, 23.4440



24.2766, 27.1596, 34.7746



26.1239, 27.1596, 36.6848

Sweetspot

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



27.4165, 27.1608, 24.9170



56.0359, 58.0766, 60.6139



27.8885, 25.5795, 32.8595



12.5486, 12.9791, 13.4678



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.



27.4165, 27.1608, 24.9170



47.1177, 45.9146, 40.1477



29.5937, 31.5152, 25.6427



6.7747, 6.9293, 6.9661



12.0321, 7.2999, 0.7749



0.2478, 0.1958, 0.0247

Inverse Universe

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



26.5303, 29.3814, 37.0740



45.2213, 50.6592, 66.1382



24.3767, 25.0744, 36.3561



6.6670, 7.1997, 8.4450



9.8320, 11.7555, 27.6581



0.2089, 0.2765, 0.5056

Previews

White Background



This preview shows how the XYZ color 27.4158, 27.1596, 24.9164 looks on a white background.

Color Contrast Check

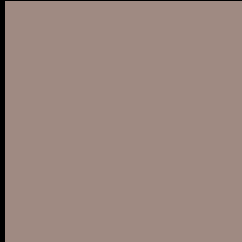
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4158, 27.1596, 24.9164 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 27.4158, 27.1596, 24.9164

Background



This preview shows how black text looks on a background with the XYZ color 27.4158, 27.1596, 24.9164.



This preview shows how white text looks on a background with the XYZ color 27.4158, 27.1596,

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

27.4158, 27.1596, 24.9164

Protanopia

25.8705, 27.2150, 25.7193

Deuteranopia

27.6729, 27.0801, 24.8876



Tritanopia

28.6904, 27.2607, 30.9438

Trichromacy



Original Color

27.4158, 27.1596, 24.9164

Protanomaly

26.3841, 27.2678, 25.3453

Deuteranomaly

27.4721, 26.9766, 24.8782

Tritanomaly

28.1765, 27.2584, 28.5873

Monochromacy



Original Color

27.4158, 27.1596, 24.9164

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5067, 27.2743, 27.9122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4158, 27.1596, 24.9164 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, 138, 130)` looks like.

```
.text, #text, p{  
    color:rgb(159, 138, 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(159, 138, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 138, 130) }
```

Border

The CSS property to change the border of an element to XYZ 27.4158, 27.1596, 24.9164 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, 138, 130) }
```


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

```
.border{ border-color:rgb(159, 138, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 138, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 138, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 138, 130); box-shadow:4px 4px 4px 4px rgb(159, 138, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4158, 27.1596, 24.9164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 138, 130) }
```

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

```
.background{ background-color: rgb(159,  
138, 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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