

Converting Colors

XYZ(28.0255, 28.1233, 27.2807)

Have a look what the booklet for
XYZ(28.0255, 28.1233, 27.2807)
contains.

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Color

**XYZ(28.0694, 28.0964,
27.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8D88
RGB	158, 141, 136
RGB Percent	62%, 55%, 53%
CMY	0.3804, 0.4470, 0.4667
CMYK	0.00, 0.11, 0.14, 0.38
HSL	14°, 10%, 58%
HSV	14°, 14%, 62%
XYZ	28.0694, 28.0964, 27.2363
YIQ	145.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

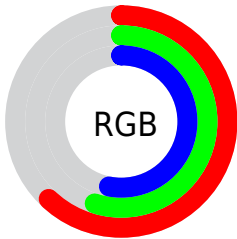
Format	Color
R _Y B	158, 142, 136
Decimal	10390920
CIE Lab	59.98, 5.49, 4.98
CIE LCh	60, 7.407, 42.214
Yxy	28.0964, 0.3366, 0.3369
Android (android.graphics.Color)	4288581000 (0xFF9E8D88)
YUV	145.5130, -4.6899, 10.9511
Hunter-Lab	53.0060, 1.7643, 6.6390

Details

The XYZ color **28.0694, 28.0964, 27.2363** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7161, 30.4849, 36.7716**, and the grayscale version is **27.1383, 28.5516, 31.0927**.

A 20% lighter version of the original color is **56.1410, 56.8505, 56.1584**, and **11.3647, 11.2182, 10.3705** is the 20% darker color. If you saturate the color by 10%, you get **25.3266, 24.2771, 21.1844**, and if you desaturate by 10%, it is **31.1778, 32.3813, 34.2274**.

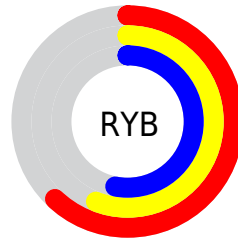
Distribution



Red (62%)

Green (55%)

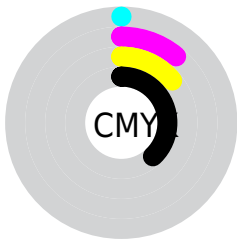
Blue (53%)



Red (62%)

Yellow (56%)

Blue (53%)

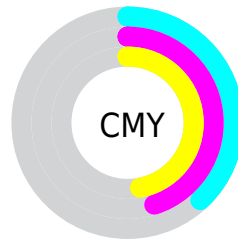


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0694, 28.0964, 27.2363 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 28.0694, 28.0964, 27.2363 by changing the saturation by 10% instead.

■ 28.0694, 28.0964,
27.2363

■ 28.0694, 28.0964,
27.2363

284.8725,
292.9273, 302.5957

■ 18.5187, 18.3983,
17.5168

■ 56.0031, 56.6383,
56.2712

■ 11.4250, 11.2364,
10.4378

■ 75.1168, 76.2510,
76.4236

■ 6.4228, 6.2260,
5.5808

■ 98.1489, 99.9372,
100.8907

■ 3.1469, 2.9830,
2.5273

125.4647,
128.0816, 130.0910

■ 1.2319, 1.1229,
0.8545

157.4296,
161.0684, 164.4432

■ 0.1314, 0.0000,
0.0000

194.4090,

■ 0.0000, 0.0000,

199.2820, 204.3656

0.0000

236.7681,
243.1068, 250.2770

■ 28.0694, 28.0964,
27.2363

■ 28.0694, 28.0964,
27.2363

■ 25.3266, 24.2771,
21.1844

■ 31.1778, 32.3813,
34.2274

■ 22.9334, 20.9039,
16.0299

■ 34.6622, 37.1429,
42.1937

■ 20.8760, 17.9615,
11.7302

■ 38.5358, 42.3968,
51.1714

■ 19.1390, 15.4322,
8.2387

■ 42.8102, 48.1566,
61.1944

■ 17.7055, 13.2972,
5.5044

■ 47.4966, 54.4354,
72.2948

■ 16.5571, 11.5360,
3.4702

■ 52.6057, 61.2459,
84.5036

■ 15.6732, 10.1263,
2.0710

■ 58.1480, 68.6003,
97.8503

■ 15.0298, 9.0432,
1.2290

■ 62.9183, 76.0244,
105.9658

■ 14.7294, 8.5266,
0.8695

■ 66.6070, 83.4018,
107.1953

Harmonies

Analogous

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



28.5152, 28.0964, 29.5074



28.0694, 28.0964, 27.2363



27.2621, 28.0964, 25.9122

Triad

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



28.0694, 28.0964, 27.2363



25.0163, 28.0964, 29.0343



27.0900, 28.0964, 35.9495

Complementary

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



28.0694, 28.0964, 27.2363



27.7161, 30.4849, 36.7716

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.



26.1551, 28.0964, 35.8043



28.0694, 28.0964, 27.2363



24.9727, 28.0964, 31.7032

Square

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



28.0694, 28.0964, 27.2363



25.5057, 28.0964, 26.9075



25.3851, 28.0964, 34.2130



27.9408, 28.0964, 34.5988

Rectangle

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



28.0694, 28.0964, 27.2363



26.6349, 28.0964, 25.6942



25.3851, 28.0964, 34.2130



26.7748, 28.0964, 36.0761

Sweetspot

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



28.0702, 28.0976, 27.2369



56.5258, 58.6770, 61.9470



28.6742, 27.1855, 33.9746



12.6469, 13.0958, 13.7466



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.



28.0702, 28.0976, 27.2369



49.2036, 48.5669, 45.5276



29.7353, 31.4279, 27.7919



6.7494, 6.8787, 6.9577



11.8224, 6.8804, 0.7049



0.2397, 0.1796, 0.0220

Inverse Universe

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



27.7161, 30.4849, 36.7716



48.4209, 53.8372, 66.5830



26.0331, 27.1188, 36.2105



6.6939, 7.2535, 8.4539



10.5542, 13.2000, 27.8988



0.2177, 0.2940, 0.5085

Previews

White Background



This preview shows how the XYZ color 28.0694, 28.0964, 27.2363 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 28.0694, 28.0964, 27.2363 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

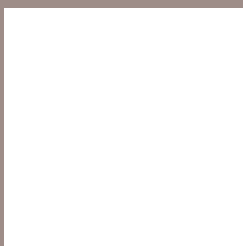
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0694, 28.0964, 27.2363

Background



This preview shows how black text looks on a background with the XYZ color 28.0694, 28.0964, 27.2363.



This preview shows how white text looks on a background with the XYZ color 28.0694, 28.0964,

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

28.0694, 28.0964, 27.2363

Protanopia

26.9551, 28.1711, 28.0616

Deuteranopia

28.7223, 28.2151, 27.2248



Tritanopia

29.2348, 28.1408, 32.7450

Trichromacy



Original Color

28.0694, 28.0964, 27.2363

Protanomaly

27.2867, 28.1265, 27.6577

Deuteranomaly

28.5200, 28.1108, 27.2153

Tritanomaly

28.7870, 28.1714, 30.7085

Monochromacy



Original Color

28.0694, 28.0964, 27.2363

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4334, 28.3835, 29.6239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0694, 28.0964, 27.2363 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(158, 141, 136)` looks like.

```
.text, #text, p{  
    color:rgb(158, 141, 136)  
}
```

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(158, 141, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 141, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.0694, 28.0964, 27.2363 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(158, 141, 136) }
```


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

```
.border{ border-color:rgb(158, 141, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 141, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 141, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 141, 136);  
box-shadow:4px 4px 4px 4px rgb(158, 141,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0694, 28.0964, 27.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 141, 136) }
```

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

```
.background{ background-color: rgb(158,  
141, 136) }
```

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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