

Converting Colors

XYZ(28.4942, 27.7181, 28.0418)

Have a look what the booklet for
XYZ(28.4942, 27.7181, 28.0418)
contains.

XYZ(28.3739, 27.5890, 27.8745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3739, 27.5890,
27.8745)**

Conversions

Conversions Part 1

Format	Color
Hex	A18A8A
RGB	161, 138, 138
RGB Percent	63%, 54%, 54%
CMY	0.3686, 0.4588, 0.4588
CMYK	0.00, 0.14, 0.14, 0.37
HSL	0°, 11%, 59%
HSV	0°, 14%, 63%
XYZ	28.3739, 27.5890, 27.8745
YIQ	144.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

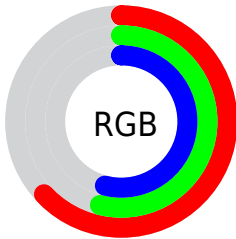
Format	Color
R _Y B	161, 138, 138
Decimal	10586762
CIE Lab	59.52, 8.67, 3.21
CIE LCh	60, 9.243, 20.299
Yxy	27.5890, 0.3384, 0.3291
Android (android.graphics.Color)	4288776842 (0xFFA18A8A)
YUV	144.8770, -3.3904, 14.1399
Hunter-Lab	52.5252, 4.5058, 5.3032

Details

The XYZ color **28.3739, 27.5890, 27.8745** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.6590, 33.4656, 38.6149**, and the grayscale version is **26.8738, 28.2733, 30.7896**.

A 20% lighter version of the original color is **56.3537, 55.6221, 57.0562**, and **11.5578, 10.9352, 10.7341** is the 20% darker color. If you saturate the color by 10%, you get **25.1528, 22.8758, 21.4700**, and if you desaturate by 10%, it is **32.1117, 33.0585, 35.3045**.

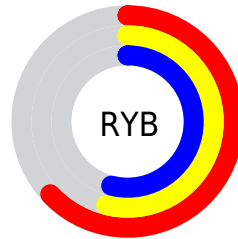
Distribution



Red (63%)

Green (54%)

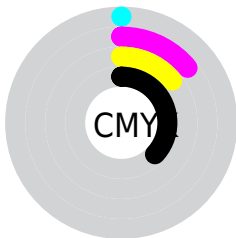
Blue (54%)



Red (63%)

Yellow (54%)

Blue (54%)

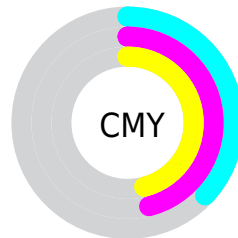


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (37%)



Cyan (37%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3739, 27.5890, 27.8745 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 28.3739, 27.5890, 27.8745 by changing the saturation by 10% instead.


 28.3739, 27.5890,
27.8745


 28.3739, 27.5890,
27.8745


286.2970,
290.4978, 305.7598


 18.7496, 18.0161,
17.9929


 56.4853, 55.8276,
57.3047

 11.5924, 10.9615,
10.7755


 75.7031, 75.2620,
77.6903

 6.5370, 6.0410,
5.8038


 98.8495, 98.7524,
102.4144

 3.2180, 2.8700,
2.6593

126.2898,
126.6832, 131.8954

 1.2701, 1.0642,
0.9228

158.3893,
159.4387, 166.5519

 0.1606, 0.0000,
0.0000

195.5135,

 0.0000, 0.0000,

197.4034, 206.8024

0.0000

238.0276,
240.9616, 253.0656

■ 28.3739, 27.5890,
27.8745

■ 28.3739, 27.5890,
27.8745

■ 25.1528, 22.8758,
21.4700

■ 32.1117, 33.0585,
35.3045

■ 22.4235, 18.8821,
16.0442

■ 36.3851, 39.3116,
43.8003

■ 20.1626, 15.5737,
11.5496

■ 41.2149, 46.3787,
53.4022

■ 18.3437, 12.9121,
7.9337

■ 46.6200, 54.2877,
64.1480

■ 16.9378, 10.8549,
5.1392

■ 52.6185, 63.0650,
76.0737

■ 15.9128, 9.3548,
3.1016

■ 59.2277, 72.7358,
89.2135

■ 15.2313, 8.3576,
1.7472

■ 66.4642, 83.3245,
103.6006

■ 14.8486, 7.7975,
0.9866

■ 68.5081, 86.3172,
107.6579

■ 14.6983, 7.5776,
0.6879

Harmonies

Analogous

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



28.4866, 27.5890, 31.1307



28.3739, 27.5890, 27.8745



27.6755, 27.5890, 25.3815

Triad

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



28.3739, 27.5890, 27.8745



24.5411, 27.5890, 26.1357



25.8479, 27.5890, 36.7973

Complementary

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



28.3739, 27.5890, 27.8745



29.6590, 33.4656, 38.6149

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.



24.8213, 27.5890, 35.2357



28.3739, 27.5890, 27.8745



24.0817, 27.5890, 28.9746

Square

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



28.3739, 27.5890, 27.8745



25.4552, 27.5890, 24.4302



24.1827, 27.5890, 32.3143



27.0051, 27.5890, 36.4483

Rectangle

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



28.3739, 27.5890, 27.8745



26.9828, 27.5890, 24.4103



24.1827, 27.5890, 32.3143



25.4767, 27.5890, 36.4743

Sweetspot

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



28.3747, 27.5902, 27.8751



57.6598, 59.4253, 63.5269



30.2198, 28.3276, 37.5936



12.5331, 12.8681, 13.7086



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.



28.3747, 27.5902, 27.8751



48.9700, 46.7099, 46.2512



30.1125, 31.0659, 28.4544



7.0739, 7.0861, 7.3750



11.7390, 6.0520, 0.5494



0.2467, 0.1272, 0.0116

Inverse Universe

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



29.6590, 33.4656, 38.6149



51.7011, 59.2037, 69.0890



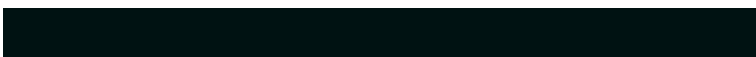
27.7414, 29.6303, 37.9757



7.2761, 8.0111, 9.0659



15.3141, 22.4075, 30.4477



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 28.3739, 27.5890, 27.8745 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 28.3739, 27.5890, 27.8745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

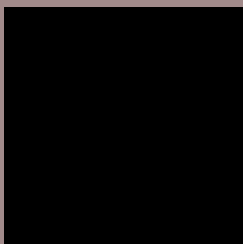
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3739, 27.5890, 27.8745

Background



This preview shows how black text looks on a background with the XYZ color 28.3739, 27.5890, 27.8745.



This preview shows how white text looks on a background with the XYZ color 28.3739, 27.5890,

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

28.3739, 27.5890, 27.8745

Protanopia

26.6628, 27.7711, 29.1544

Deuteranopia

28.1181, 27.6711, 27.9038



Tritanopia

29.1124, 27.6793, 31.4120

Trichromacy



Original Color

28.3739, 27.5890, 27.8745

Protanomaly

27.2074, 27.6186, 28.7079

Deuteranomaly

28.3173, 27.7738, 27.9132

Tritanomaly

28.8800, 27.5863, 30.1881

Monochromacy



Original Color

28.3739, 27.5890, 27.8745

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3180, 27.8783, 29.5324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3739, 27.5890, 27.8745 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(161, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(161, 138, 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(161, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.3739, 27.5890, 27.8745 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(161, 138, 138) }
```


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

```
.border{ border-color:rgb(161, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(161, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3739, 27.5890, 27.8745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 138, 138) }
```

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

```
.background{ background-color: rgb(161,  
138, 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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