

Converting Colors

XYZ(27.5054, 29.4182, 28.4509)

Have a look what the booklet for
XYZ(27.5054, 29.4182, 28.4509)
contains.

XYZ(27.3901, 29.3107, 28.2587)	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(27.3901, 29.3107,
28.2587)**

Conversions

Conversions Part 1

Format	Color
Hex	94948A
RGB	148, 148, 138
RGB Percent	58%, 58%, 54%
CMY	0.4196, 0.4196, 0.4588
CMYK	0.00, 0.00, 0.07, 0.42
HSL	60°, 4%, 56%
HSV	60°, 7%, 58%
XYZ	27.3901, 29.3107, 28.2587
YIQ	146.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

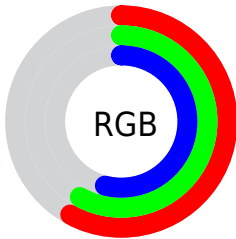
Format	Color
R_{YB}	138, 148, 138
Decimal	9737354
CIE Lab	61.05, -1.87, 5.28
CIE LCh	61, 5.602, 109.539
Yxy	29.3107, 0.3224, 0.3450
Android (android.graphics.Color)	4287927434 (0xFF94948A)
YUV	146.8600, -4.3680, 0.9998
Hunter-Lab	54.1394, -4.4374, 6.9504

Details

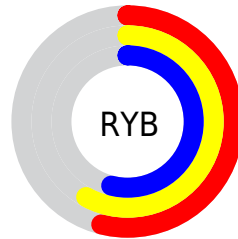
The XYZ color **27.3901, 29.3107, 28.2587** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9162, 25.7192, 31.6696**, and the grayscale version is **27.6926, 29.1347, 31.7277**.

A 20% lighter version of the original color is **54.8816, 58.5592, 57.7007**, and **10.9659, 11.7954, 10.9313** is the 20% darker color. If you saturate the color by 10%, you get **26.3903, 28.9116, 22.9945**, and if you desaturate by 10%, it is **28.5376, 29.7707, 34.2934**.

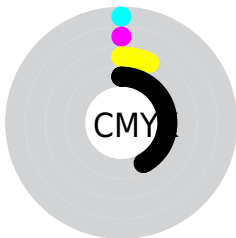
Distribution



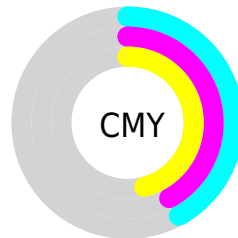
- Red (58%)
- Green (58%)
- Blue (54%)



- Red (54%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3901, 29.3107, 28.2587 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 27.3901, 29.3107, 28.2587 by changing the saturation by 10% instead.

■ 27.3901, 29.3107,
28.2587

■ 27.3901, 29.3107,
28.2587

281.6742,
298.6781, 307.6518

■ 18.0045, 19.3160,
18.2800

■ 54.9247, 58.5704,
57.9253

■ 11.0529, 11.8988,
10.9797

■ 73.8044, 78.6041,
78.4502

■ 6.1700, 6.6748,
5.9392

■ 96.5796, 102.7530,
103.3277

■ 2.9904, 3.2596,
2.7399

123.6155,
131.4014, 132.9763

■ 1.1487, 1.2687,
0.9634

155.2776,
164.9337, 167.8144

■ 0.0653, 0.1168,
0.0000

191.9312,

■ 0.0000, 0.0000,

203.7343, 208.2607

0.0000

233.9416,
248.1877, 254.7336

■ 27.3901, 29.3107,
28.2587

■ 27.3901, 29.3107,
28.2587

■ 26.3903, 28.9116,
22.9945

■ 28.5376, 29.7707,
34.2934

■ 25.5299, 28.5674,
18.4678

■ 29.8358, 30.2901,
41.1257

■ 24.8034, 28.2767,
14.6465

■ 31.2909, 30.8723,
48.7840

■ 24.2042, 28.0369,
11.4949

■ 32.9079, 31.5191,
57.2946

■ 23.7248, 27.8450,
8.9746

■ 34.6914, 32.2327,
66.6825

■ 23.3571, 27.6979,
7.0430

■ 36.6462, 33.0147,
76.9719

■ 23.0923, 27.5919,
5.6524

■ 38.7766, 33.8669,
88.1860

■ 22.9197, 27.5227,
4.7476

■ 40.8598, 34.7003,
99.1520

■ 22.8224, 27.4837,
4.2398

■ 40.8606, 34.7007,
99.1521

Harmonies

Analogous

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



28.1157, 29.3107, 28.1065



27.3901, 29.3107, 28.2587



26.8000, 29.3107, 29.3655

Triad

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



27.3901, 29.3107, 28.2587



26.9541, 29.3107, 35.0858



29.2684, 29.3107, 32.6530

Complementary

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



27.3901, 29.3107, 28.2587



24.9162, 25.7192, 31.6696

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.



28.9454, 29.3107, 34.6067



27.3901, 29.3107, 28.2587



27.6038, 29.3107, 36.0516

Square

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



27.3901, 29.3107, 28.2587



26.5514, 29.3107, 33.2838



28.3331, 29.3107, 35.8725



29.2087, 29.3107, 30.5830

Rectangle

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



27.3901, 29.3107, 28.2587



26.5589, 29.3107, 30.5238



28.3331, 29.3107, 35.8725



29.2007, 29.3107, 33.3466

Sweetspot

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



27.3909, 29.3120, 28.2593



49.2491, 52.0855, 54.7104



25.8896, 26.3086, 27.7587



11.2483, 11.8923, 12.5200



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.3909, 29.3120, 28.2593



48.0645, 51.6116, 48.4771



26.5062, 28.8559, 28.2179



6.2653, 6.7446, 6.2121



19.4703, 23.4652, 3.5030



0.2384, 0.2872, 0.0429

Inverse Universe

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



24.9162, 25.7192, 31.6696



42.8413, 44.0285, 55.6750



25.7624, 26.1554, 31.7092



5.4996, 5.6330, 7.2672



4.5663, 1.8266, 24.0429



0.0559, 0.0224, 0.2943

Previews

White Background



This preview shows how the XYZ color 27.3901, 29.3107, 28.2587 looks on a white background.

Color Contrast Check

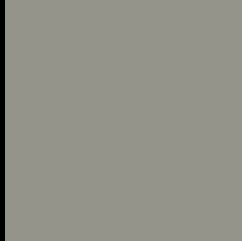
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3901, 29.3107, 28.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

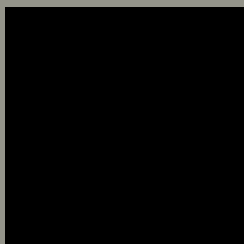
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3901, 29.3107, 28.2587

Background



This preview shows how black text looks on a background with the XYZ color 27.3901, 29.3107, 28.2587.



This preview shows how white text looks on a background with the XYZ color 27.3901, 29.3107,

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

27.3901, 29.3107, 28.2587

Protanopia

27.8980, 29.3490, 27.8614

Deuteranopia

29.6430, 29.1026, 28.4811



Tritanopia

28.9737, 29.2644, 36.0198

Trichromacy



Original Color

27.3901, 29.3107, 28.2587

Protanomaly

27.7116, 29.2529, 27.8527

Deuteranomaly

28.7340, 29.0797, 28.5246

Tritanomaly

28.3616, 29.2438, 33.0040

Monochromacy



Original Color

27.3901, 29.3107, 28.2587

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5004, 29.0841, 30.5499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3901, 29.3107, 28.2587 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(148, 148, 138)` looks like.

```
.text, #text, p{  
    color:rgb(148, 148, 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(148, 148, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 148, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.3901, 29.3107, 28.2587 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(148, 148, 138) }
```


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

```
.border{ border-color:rgb(148, 148, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 148, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 148, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 148, 138);  
box-shadow:4px 4px 4px 4px rgb(148, 148,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3901, 29.3107, 28.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 148, 138) }
```

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

```
.background{ background-color: rgb(148,  
148, 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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