

Converting Colors

XYZ(27.3916, 29.0994, 28.1925)

Have a look what the booklet for
XYZ(27.3916, 29.0994, 28.1925)
contains.

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Color

**XYZ(27.4156, 29.0920,
28.2151)**

Conversions

Conversions Part 1

Format	Color
Hex	95938A
RGB	149, 147, 138
RGB Percent	58%, 58%, 54%
CMY	0.4157, 0.4235, 0.4588
CMYK	0.00, 0.01, 0.07, 0.42
HSL	49°, 5%, 56%
HSV	49°, 7%, 58%
XYZ	27.4156, 29.0920, 28.2151
YIQ	146.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

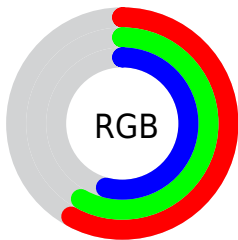
Format	Color
R_{YB}	140, 149, 138
Decimal	9802634
CIE _{Lab}	60.86, -0.94, 5.01
CIE _{LCh}	61, 5.102, 100.653
Yxy	29.0920, 0.3236, 0.3434
Android (android.graphics.Color)	4287992714 (0xFF95938A)
YUV	146.5720, -4.2260, 2.1294
Hunter-Lab	53.9370, -3.6601, 6.7406

Details

The XYZ color **27.4156, 29.0920, 28.2151** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2841, 26.3289, 32.1835**, and the grayscale version is **27.5729, 29.0089, 31.5907**.

A 20% lighter version of the original color is **54.9192, 58.2314, 57.6354**, and **11.0731, 11.8506, 10.9363** is the 20% darker color. If you saturate the color by 10%, you get **25.9946, 27.8594, 22.7794**, and if you desaturate by 10%, it is **28.9961, 30.4062, 34.4349**.

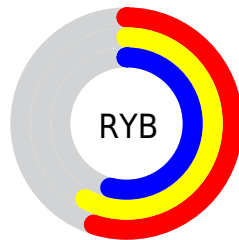
Distribution



Red (58%)

Green (58%)

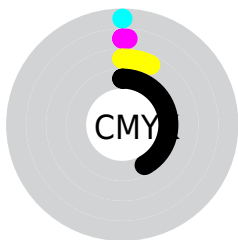
Blue (54%)



Red (55%)

Yellow (58%)

Blue (54%)

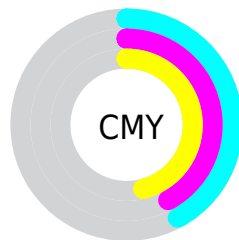


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4156, 29.0920, 28.2151 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 27.4156, 29.0920, 28.2151 by changing the saturation by 10% instead.

■ 27.4156, 29.0920,
28.2151

■ 27.4156, 29.0920,
28.2151

281.7948,
297.6488, 307.4375

■ 18.0238, 19.1504,
18.2474

■ 54.9652, 58.2232,
57.8549

■ 11.0669, 11.7790,
10.9565

■ 73.8538, 78.1817,
78.3641

■ 6.1795, 6.5934,
5.9238

■ 96.6387, 102.2479,
103.2242

■ 2.9962, 3.2091,
2.7307

123.6852,
130.8062, 132.8538

■ 1.1518, 1.2419,
0.9588

155.3587,
164.2410, 167.6714

■ 0.0678, 0.0955,
0.0000

192.0245,

■ 0.0000, 0.0000,

202.9368, 208.0955

0.0000

234.0481,
247.2780, 254.5447

■ 27.4156, 29.0920,
28.2151

■ 27.4156, 29.0920,
28.2151

■ 25.9946, 27.8594,
22.7794

■ 28.9961, 30.4062,
34.4349

■ 24.7247, 26.7019,
18.0943

■ 30.7395, 31.8005,
41.4667

■ 23.6002, 25.6183,
14.1269

■ 32.6519, 33.2784,
49.3394

■ 22.6142, 24.6055,
10.8407

■ 34.7385, 34.8422,
58.0796

■ 21.7590, 23.6605,
8.1964

■ 37.0043, 36.4939,
67.7132

■ 21.0265, 22.7798,
6.1505

■ 39.4540, 38.2355,
78.2647

■ 20.4071, 21.9596,
4.6539

■ 42.0921, 40.0689,
89.7577

■ 19.8901, 21.1954,
3.6500

■ 44.5664, 41.8534,
100.3373

■ 19.4566, 20.4795,
3.0395

■ 45.0736, 42.8676,
100.5064

Harmonies

Analogous

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



28.0764, 29.0920, 28.3482



27.4156, 29.0920, 28.2151



26.8272, 29.0920, 28.9809

Triad

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



27.4156, 29.0920, 28.2151



26.6932, 29.0920, 34.1199



28.8740, 29.0920, 32.9038

Complementary

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



27.4156, 29.0920, 28.2151



25.2841, 26.3289, 32.1835

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.



28.4917, 29.0920, 34.5337



27.4156, 29.0920, 28.2151



27.2300, 29.0920, 35.2551

Square

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



27.4156, 29.0920, 28.2151



26.4145, 29.0920, 32.3574



27.8879, 29.0920, 35.4095



28.9256, 29.0920, 31.0047

Rectangle

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



27.4156, 29.0920, 28.2151



26.5524, 29.0920, 29.9168



27.8879, 29.0920, 35.4095



28.7796, 29.0920, 33.5033

Sweetspot

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



27.4164, 29.0933, 28.2157



50.5741, 53.3398, 56.3017



26.2181, 26.4609, 28.5434



11.2160, 11.8276, 12.5092



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.



27.4164, 29.0933, 28.2157



48.6197, 51.6936, 48.6756



27.1036, 29.3970, 28.2908



6.1768, 6.5675, 6.1826



16.3035, 17.1214, 2.4455



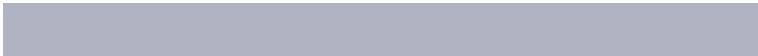
0.2183, 0.2470, 0.0362

Inverse Universe

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



25.2841, 26.3289, 32.1835



43.9261, 45.6088, 57.4095



25.5806, 26.0525, 32.1145



5.5796, 5.7932, 7.2939



4.9134, 2.5215, 24.1588



0.0760, 0.0626, 0.3010

Previews

White Background



This preview shows how the XYZ color 27.4156, 29.0920, 28.2151 looks on a white background.

Color Contrast Check

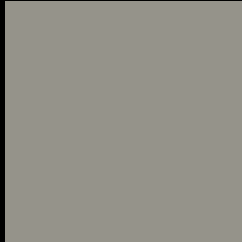
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4156, 29.0920, 28.2151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

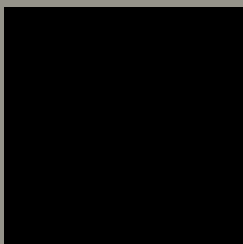
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

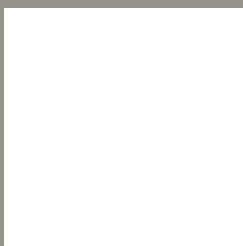
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4156, 29.0920, 28.2151

Background



This preview shows how black text looks on a background with the XYZ color 27.4156, 29.0920, 28.2151.



This preview shows how white text looks on a background with the XYZ color 27.4156, 29.0920,

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

27.4156, 29.0920, 28.2151

Protanopia

27.8152, 29.0681, 28.1894

Deuteranopia

29.6430, 29.1026, 28.4811



Tritanopia

28.9229, 29.0222, 35.5299

Trichromacy



Original Color

27.4156, 29.0920, 28.2151

Protanomaly

27.6288, 28.9721, 28.1807

Deuteranomaly

28.9315, 29.1815, 28.5338

Tritanomaly

28.3127, 29.0000, 32.5391

Monochromacy



Original Color

27.4156, 29.0920, 28.2151

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6805, 29.1770, 30.5584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4156, 29.0920, 28.2151 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(149, 147, 138)` looks like.

```
.text, #text, p{  
    color:rgb(149, 147, 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(149, 147, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 147, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.4156, 29.0920, 28.2151 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(149, 147, 138) }
```


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

```
.border{ border-color:rgb(149, 147, 138) }
```

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

Here you see how a box with a 4 pixel rgb(149, 147, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 147, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 147, 138);  
box-shadow:4px 4px 4px 4px rgb(149, 147,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4156, 29.0920, 28.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 147, 138) }
```

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

```
.background{ background-color: rgb(149,  
147, 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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