

Converting Colors

XYZ(27.1425, 27.0464, 38.6056)

Have a look what the booklet for
XYZ(27.1425, 27.0464, 38.6056)
contains.

XYZ(27.1443, 27.1513, 38.4604)	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(27.1443, 27.1513,
38.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8CA3
RGB	142, 140, 163
RGB Percent	56%, 55%, 64%
CMY	0.4431, 0.4510, 0.3608
CMYK	0.13, 0.14, 0.00, 0.36
HSL	245°, 11%, 59%
HSV	245°, 14%, 64%
XYZ	27.1443, 27.1513, 38.4604
YIQ	143.2200, -6.1910, 7.5770

Conversions

Conversions Part 2

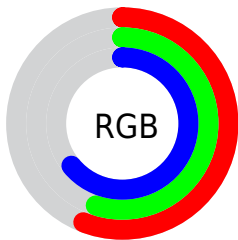
Format	Color
R_{YB}	142, 140, 163
Decimal	9342115
CIE _{Lab}	59.11, 5.50, -11.87
CIE _{LCh}	59, 13.083, 294.862
Yxy	27.1513, 0.2926, 0.2927
Android (android.graphics.Color)	4287532195 (0xFF8E8CA3)
YUV	143.2200, 9.7515, -1.0699
Hunter-Lab	52.1069, 1.7998, -7.2874

Details

The XYZ color **27.1443, 27.1513, 38.4604** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **32.5297, 35.6656, 29.9819**, and the grayscale version is **26.1610, 27.5234, 29.9730**.

A 20% lighter version of the original color is **54.7116, 55.3813, 74.1357**, and **10.9390, 10.7353, 16.5345** is the 20% darker color. If you saturate the color by 10%, you get **22.5514, 21.5065, 37.6133**, and if you desaturate by 10%, it is **32.4326, 33.6798, 39.4422**.

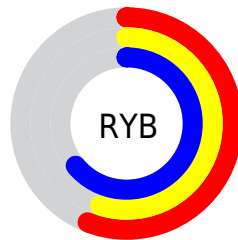
Distribution



Red (56%)

Green (55%)

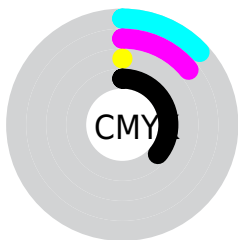
Blue (64%)



Red (56%)

Yellow (55%)

Blue (64%)

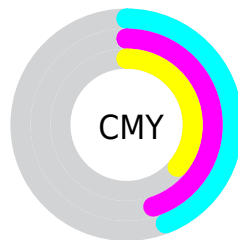


Cyan (13%)

Magenta (14%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1443, 27.1513, 38.4604 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 27.1443, 27.1513, 38.4604 by changing the saturation by 10% instead.

■ 27.1443, 27.1513,
38.4604

■ 27.1443, 27.1513,
38.4604

280.5099,
288.3889, 354.9481

■ 17.8188, 17.6869,
26.0356

■ 54.5336, 55.1266,
74.0245

■ 10.9189, 10.7254,
16.6243

■ 73.3281, 74.4062,
98.0009

■ 6.0792, 5.8825,
9.8079

■ 96.0096, 97.7264,
126.6649

■ 2.9344, 2.7738,
5.1678

122.9435,
125.4714, 160.4351

■ 1.1192, 1.0148,
2.2856

154.4951,
158.0259, 199.7299

■ 0.0411, 0.0000,
0.7231

191.0298,

■ 0.0000, 0.0000,

195.7740, 244.9680

0.0000

232.9130,
239.1002, 296.5679

■ 27.1443, 27.1513,
38.4604

■ 27.1443, 27.1513,
38.4604

■ 22.5514, 21.5065,
37.6133

■ 32.4326, 33.6798,
39.4422

■ 18.6227, 16.7042,
36.8935

■ 38.4412, 41.1242,
40.5625

■ 15.3281, 12.7049,
36.2952

■ 45.1964, 49.5191,
41.8268

■ 12.6341, 9.4647,
35.8117

■ 52.7229, 58.8965,
43.2401

■ 10.5044, 6.9355,
35.4358

■ 61.0438, 69.2867,
44.8071

■ 8.8986, 5.0635,
35.1591

■ 70.1815, 80.7188,
46.5321

■ 7.7707, 3.7874,
34.9722

■ 80.1575, 93.2207,
48.4194

■ 7.0670, 3.0342,
34.8639

■ 83.6109, 95.4244,
48.6627

■ 6.7946, 2.7391,
34.8213

Harmonies

Analogous

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



25.5274, 27.1513, 39.4149



27.1443, 27.1513, 38.4604



28.4503, 27.1513, 35.0255

Triad

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



27.1443, 27.1513, 38.4604



27.6493, 27.1513, 22.8248



22.8143, 27.1513, 28.7680

Complementary

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



27.1443, 27.1513, 38.4604



32.5297, 35.6656, 29.9819

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.



23.3317, 27.1513, 24.7005



27.1443, 27.1513, 38.4604



26.0877, 27.1513, 21.5072

Square

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



27.1443, 27.1513, 38.4604



28.7504, 27.1513, 25.9539



24.5134, 27.1513, 22.1562



23.0708, 27.1513, 33.4924

Rectangle

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



27.1443, 27.1513, 38.4604



28.9457, 27.1513, 31.9652



24.5134, 27.1513, 22.1562



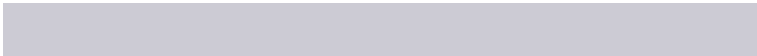
22.9028, 27.1513, 27.2846

Sweetspot

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



27.1451, 27.1524, 38.4610



58.1188, 60.3607, 70.6437



30.1863, 33.7394, 39.5721



12.8888, 13.3534, 15.8357



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.1451, 27.1524, 38.4610



45.8435, 45.2165, 68.3676



29.2055, 28.2146, 38.5574



6.7549, 6.8880, 8.8766



5.2985, 2.1379, 27.0632



0.1274, 0.0532, 0.5694

Inverse Universe

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



30.9162, 29.1170, 37.7101



53.9609, 49.4462, 66.7127



30.3328, 34.5330, 29.8790



7.3377, 7.1915, 8.7645



15.9531, 7.7373, 22.7415



0.3424, 0.1655, 0.5159

Previews

White Background



This preview shows how the XYZ color 27.1443, 27.1513, 38.4604 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 27.1443, 27.1513, 38.4604 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 27.1443, 27.1513, 38.4604

Background



This preview shows how black text looks on a background with the XYZ color 27.1443, 27.1513, 38.4604.



This preview shows how white text looks on a background with the XYZ color 27.1443, 27.1513,

38.4604.

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

27.1443, 27.1513, 38.4604

Protanopia

26.7069, 27.1334, 38.9516

Deuteranopia

27.6975, 27.2206, 38.4446



Tritanopia

26.2380, 27.2214, 34.0083

Trichromacy



Original Color

27.1443, 27.1513, 38.4604

Protanomaly

26.8732, 27.2191, 38.9594

Deuteranomaly

27.5205, 27.1293, 38.4363

Tritanomaly

26.5952, 27.1468, 35.7364

Monochromacy



Original Color

27.1443, 27.1513, 38.4604

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5057, 27.3877, 32.7435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1443, 27.1513, 38.4604 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(142, 140, 163)` looks like.

```
.text, #text, p{  
    color:rgb(142, 140, 163)  
}
```

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(142, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 140, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.1443, 27.1513, 38.4604 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(142, 140, 163) }
```


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

```
.border{ border-color:rgb(142, 140, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 140, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 140, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 140, 163);  
box-shadow:4px 4px 4px 4px rgb(142, 140,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1443, 27.1513, 38.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 140, 163) }
```

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

```
.background{ background-color: rgb(142,  
140, 163) }
```

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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