

Converting Colors

XYZ(27.3147, 28.2789, 31.6427)

Have a look what the booklet for
XYZ(27.3147, 28.2789, 31.6427)
contains.

XYZ(27.2723, 28.2561, 31.6203)	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(27.2723, 28.2561,
31.6203)**

Conversions

Conversions Part 1

Format	Color
Hex	939093
RGB	147, 144, 147
RGB Percent	58%, 56%, 58%
CMY	0.4235, 0.4353, 0.4235
CMYK	0.00, 0.02, 0.00, 0.42
HSL	300°, 1%, 57%
HSV	300°, 2%, 58%
XYZ	27.2723, 28.2561, 31.6203
YIQ	145.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

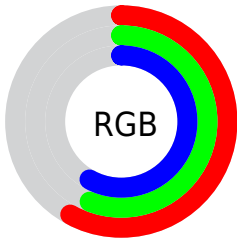
Format	Color
R_{YB}	147, 144, 147
Decimal	9670803
CIE Lab	60.12, 1.68, -1.20
CIE LCh	60, 2.070, 324.451
Yxy	28.2561, 0.3129, 0.3242
Android (android.graphics.Color)	4287860883 (0xFF939093)
YUV	145.2390, 0.8682, 1.5444
Hunter-Lab	53.1565, -1.4431, 1.9407

Details

The XYZ color **27.2723, 28.2561, 31.6203** is a light color, and the websafe version is hex **999999**. A complement of this color would be **26.9704, 28.8111, 30.5266**, and the grayscale version is **27.0078, 28.4143, 30.9432**.

A 20% lighter version of the original color is **54.8241, 57.0227, 63.3753**, and **10.9842, 11.3553, 12.9221** is the 20% darker color. If you saturate the color by 10%, you get **25.1896, 24.0903, 30.9264**, and if you desaturate by 10%, it is **29.6466, 33.0042, 32.4121**.

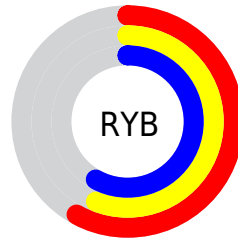
Distribution



Red (58%)

Green (56%)

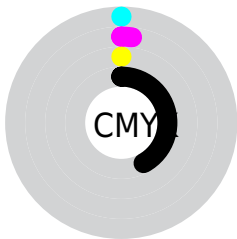
Blue (58%)



Red (58%)

Yellow (56%)

Blue (58%)

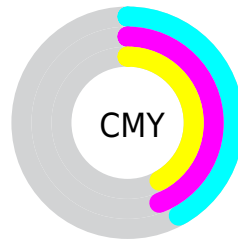


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2723, 28.2561, 31.6203 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 27.2723, 28.2561, 31.6203 by changing the saturation by 10% instead.

■ 27.2723, 28.2561,
31.6203

■ 27.2723, 28.2561,
31.6203

281.1167,
293.6886, 323.8252

■ 17.9155, 18.5188,
20.8092

■ 54.7373, 56.8931,
63.3063

■ 10.9886, 11.3231,
12.7947

■ 73.5762, 76.5615,
85.0184

■ 6.1264, 6.2846,
7.1583

96.3066, 100.3091,
111.2012

■ 2.9635, 3.0189,
3.4813

123.2936,
128.5203, 142.2733

■ 1.1345, 1.1416,
1.3454

154.9028,
161.5795, 178.6532

■ 0.0537, 0.0132,
0.0985

191.4995,

■ 0.0000, 0.0000,

199.8710, 220.7594

0.0000

233.4490,
243.7792, 269.0106

■ 27.2723, 28.2561,
31.6203

■ 27.2723, 28.2561,
31.6203

■ 25.1896, 24.0903,
30.9264

■ 29.6466, 33.0042,
32.4121

■ 23.3848, 20.4809,
30.3248

■ 32.3205, 38.3520,
33.3034

■ 21.8471, 17.4055,
29.8123

■ 35.3049, 44.3206,
34.2981

■ 20.5636, 14.8387,
29.3845

■ 38.6091, 50.9291,
35.3995

■ 19.5208, 12.7531,
29.0369

■ 42.2425, 58.1958,
36.6106

■ 18.7037, 11.1189,
28.7645

■ 46.2137, 66.1381,
37.9344

■ 18.0955, 9.9026,
28.5618

■ 50.5311, 74.7728,
39.3735

■ 17.6773, 9.0663,
28.4224

■ 53.0597, 79.8299,
40.2163

■ 17.4268, 8.5653,
28.3389

■ 53.0597, 79.8300,
40.2163

Harmonies

Analogous

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



27.0675, 28.2561, 32.1105



27.2723, 28.2561, 31.6203



27.3657, 28.2561, 30.9071

Triad

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



27.2723, 28.2561, 31.6203



26.9058, 28.2561, 29.3397



26.3965, 28.2561, 31.3726

Complementary

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



27.2723, 28.2561, 31.6203



26.9704, 28.8111, 30.5266

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.



26.3538, 28.2561, 30.6255



27.2723, 28.2561, 31.6203



26.6467, 28.2561, 29.4597

Square

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



27.2723, 28.2561, 31.6203



27.1532, 28.2561, 29.5967



26.4451, 28.2561, 29.9274



26.5621, 28.2561, 31.9659

Rectangle

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



27.2723, 28.2561, 31.6203



27.3518, 28.2561, 30.4042



26.4451, 28.2561, 29.9274



26.3673, 28.2561, 31.1308

Sweetspot

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



27.2731, 28.2573, 31.6209



49.2506, 51.4220, 56.7642



26.7501, 27.9989, 31.5986



11.2487, 11.7503, 12.9600



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.



27.2731, 28.2573, 31.6209



48.8409, 50.6027, 56.6277



27.1601, 28.2121, 31.0258



6.4025, 6.6435, 7.4146



14.9970, 7.2038, 24.5311



0.1836, 0.0882, 0.3002

Inverse Universe

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



27.0409, 28.1644, 30.3980



48.4246, 50.4361, 54.4355



27.0819, 28.8557, 31.1136



6.3533, 6.6238, 7.1554



10.4317, 5.3777, 0.4883



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 27.2723, 28.2561, 31.6203 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 27.2723, 28.2561, 31.6203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

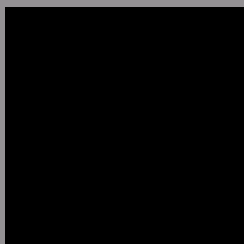
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2723, 28.2561, 31.6203

Background



This preview shows how black text looks on a background with the XYZ color 27.2723, 28.2561, 31.6203.



This preview shows how white text looks on a background with the XYZ color 27.2723, 28.2561,

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

27.2723, 28.2561, 31.6203

Protanopia

27.2723, 28.2561, 31.6203

Deuteranopia

28.6280, 28.0624, 31.9247



Tritanopia

27.8679, 28.2739, 34.5605

Trichromacy



Original Color

27.2723, 28.2561, 31.6203

Protanomaly

27.2723, 28.2561, 31.6203

Deuteranomaly

28.0070, 27.9602, 31.9377

Tritanomaly

27.6211, 28.1752, 33.2607

Monochromacy



Original Color

27.2723, 28.2561, 31.6203

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1678, 28.4371, 31.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2723, 28.2561, 31.6203 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(147, 144, 147)` looks like.

```
.text, #text, p{  
    color:rgb(147, 144, 147)  
}
```

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(147, 144, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 144, 147) }
```

Border

The CSS property to change the border of an element to XYZ 27.2723, 28.2561, 31.6203 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(147, 144, 147) }
```


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

```
.border{ border-color:rgb(147, 144, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 144, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 144, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 144, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 144,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2723, 28.2561, 31.6203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 144, 147) }
```

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

```
.background{ background-color: rgb(147,  
144, 147) }
```

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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