

Converting Colors

XYZ(27.6973, 29.2925, 22.9332)

Have a look what the booklet for
XYZ(27.6973, 29.2925, 22.9332)
contains.

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Color

**XYZ(27.7192, 29.3654,
22.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	9C937B
RGB	156, 147, 123
RGB Percent	61%, 58%, 48%
CMY	0.3882, 0.4235, 0.5176
CMYK	0.00, 0.06, 0.21, 0.39
HSL	44°, 14%, 55%
HSV	44°, 21%, 61%
XYZ	27.7192, 29.3654, 22.9460
YIQ	146.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

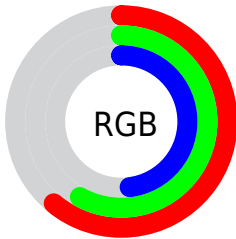
Format	Color
R_{YB}	135, 156, 123
Decimal	10261371
CIE Lab	61.10, -0.76, 13.92
CIE LCh	61, 13.939, 93.137
Yxy	29.3654, 0.3464, 0.3669
Android (android.graphics.Color)	4288451451 (0xFF9C937B)
YUV	146.9550, -11.8098, 7.9325
Hunter-Lab	54.1899, -3.5259, 12.8273

Details

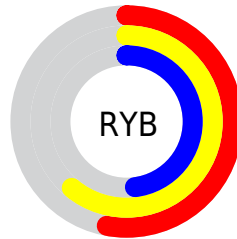
The XYZ color **27.7192, 29.3654, 22.9460** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4203, 23.1133, 34.7324**, and the grayscale version is **27.7587, 29.2043, 31.8035**.

A 20% lighter version of the original color is **55.5871, 58.7568, 49.4857**, and **11.2196, 11.9869, 8.2009** is the 20% darker color. If you saturate the color by 10%, you get **26.1705, 27.7081, 17.9897**, and if you desaturate by 10%, it is **29.4496, 31.1365, 28.7314**.

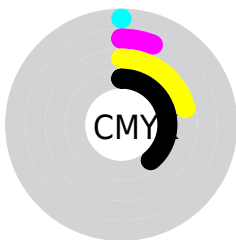
Distribution



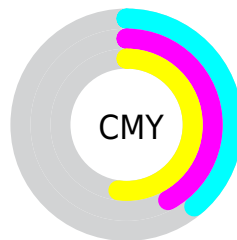
- Red (61%)
- Green (58%)
- Blue (48%)



- Red (53%)
- Yellow (61%)
- Blue (48%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7192, 29.3654, 22.9460 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 27.7192, 29.3654, 22.9460 by changing the saturation by 10% instead.

■ 27.7192, 29.3654,
22.9460

■ 27.7192, 29.3654,
22.9460

283.2272,
298.9351, 280.5604

■ 18.2535, 19.3574,
14.3487

■ 55.4476, 58.6571,
49.2267

■ 11.2329, 11.9288,
8.2221

■ 74.4410, 78.7097,
67.7472

■ 6.2922, 6.6952,
4.1476

■ 97.3410, 102.8792,
90.4126

■ 3.0659, 3.2722,
1.7067

124.5129,
131.5501, 117.6412

■ 1.1887, 1.2755,
0.3653

156.3221,
165.1067, 149.8518

■ 0.0974, 0.1221,
0.0000

193.1340,

■ 0.0000, 0.0000,

203.9335, 187.4629

0.0000

235.3139,
248.4148, 230.8929

■ 27.7192, 29.3654,
22.9460

■ 27.7192, 29.3654,
22.9460

■ 26.1705, 27.7081,
17.9897

■ 29.4496, 31.1365,
28.7314

■ 24.7936, 26.1573,
13.8218

■ 31.3664, 33.0206,
35.3803

■ 23.5809, 24.7104,
10.4009

■ 33.4771, 35.0223,
42.9273

■ 22.5235, 23.3636,
7.6812

■ 35.7882, 37.1445,
51.4048

■ 21.6115, 22.1123,
5.6118

■ 38.3057, 39.3900,
60.8434

■ 20.8337, 20.9516,
4.1346

■ 41.0352, 41.7614,
71.2722

■ 20.1767, 19.8759,
3.1814

■ 43.9825, 44.2614,
82.7194

■ 19.6681, 18.9833,
2.6275

■ 47.1527, 46.8925,
95.2117

■ 49.1684, 49.1040,
101.4943

Harmonies

Analogous

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



29.5281, 29.3654, 23.8146



27.7192, 29.3654, 22.9460



26.0349, 29.3654, 24.2697

Triad

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



27.7192, 29.3654, 22.9460



25.0723, 29.3654, 37.7930



31.1625, 29.3654, 36.7374

Complementary

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



27.7192, 29.3654, 22.9460



22.4203, 23.1133, 34.7324

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.



29.8750, 29.3654, 41.1571



27.7192, 29.3654, 22.9460



26.3539, 29.3654, 41.8117

Square

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



27.7192, 29.3654, 22.9460



24.5491, 29.3654, 32.5275



28.1035, 29.3654, 43.1047



31.5664, 29.3654, 31.4267

Rectangle

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



27.7192, 29.3654, 22.9460



25.1944, 29.3654, 26.3118



28.1035, 29.3654, 43.1047



30.8160, 29.3654, 38.3951

Sweetspot

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



27.7200, 29.3667, 22.9466



55.1978, 58.2488, 58.0638



24.9825, 22.9098, 25.0613



12.1010, 12.7730, 12.6208



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.7200, 29.3667, 22.9466



49.0858, 52.0056, 37.5880



27.8310, 31.5828, 23.3685



7.0171, 7.4143, 7.0469



16.2301, 15.6958, 2.1742



0.3231, 0.3464, 0.0498

Inverse Universe

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



22.4203, 23.1133, 34.7324



37.8372, 38.7343, 62.6090



22.3130, 21.3243, 34.3928



6.4246, 6.7150, 8.3642



5.6661, 3.4237, 26.2694



0.1337, 0.1259, 0.4805

Previews

White Background



This preview shows how the XYZ color 27.7192, 29.3654, 22.9460 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 27.7192, 29.3654, 22.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

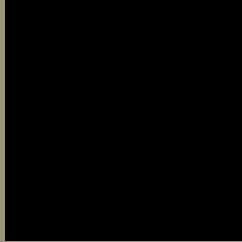
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7192, 29.3654, 22.9460

Background



This preview shows how black text looks on a background with the XYZ color 27.7192, 29.3654, 22.9460.



This preview shows how white text looks on a background with the XYZ color 27.7192, 29.3654,

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

27.7192, 29.3654, 22.9460

Protanopia

27.7192, 29.3654, 22.9460

Deuteranopia

29.8887, 29.3473, 23.1581



Tritanopia

30.1524, 29.4516, 34.6674

Trichromacy



Original Color

27.7192, 29.3654, 22.9460

Protanomaly

27.7192, 29.3654, 22.9460

Deuteranomaly

29.1284, 29.4011, 23.2085

Tritanomaly

29.2293, 29.3006, 30.1016

Monochromacy



Original Color

27.7192, 29.3654, 22.9460

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5988, 29.1864, 28.2237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7192, 29.3654, 22.9460 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(156, 147, 123)` looks like.

```
.text, #text, p{  
    color:rgb(156, 147, 123)  
}
```

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(156, 147, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 147, 123) }
```

Border

The CSS property to change the border of an element to XYZ 27.7192, 29.3654, 22.9460 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(156, 147, 123) }
```


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

```
.border{ border-color:rgb(156, 147, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 147, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 147, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 147, 123);  
box-shadow:4px 4px 4px 4px rgb(156, 147,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7192, 29.3654, 22.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 147, 123) }
```

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

```
.background{ background-color: rgb(156,  
147, 123) }
```

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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