

Converting Colors

XYZ(27.2811, 28.6746, 23.1657)

Have a look what the booklet for
XYZ(27.2811, 28.6746, 23.1657)
contains.

XYZ(27.2811, 28.6746, 23.1657)	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(27.2811, 28.6746,
23.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	9B917C
RGB	155, 145, 124
RGB Percent	61%, 57%, 49%
CMY	0.3922, 0.4314, 0.5137
CMYK	0.00, 0.06, 0.20, 0.39
HSL	41°, 13%, 55%
HSV	41°, 20%, 61%
XYZ	27.2811, 28.6746, 23.1657
YIQ	145.5960, 12.7010, -4.4110

Conversions

Conversions Part 2

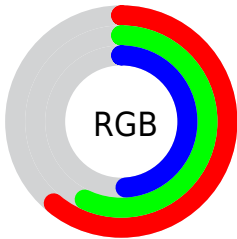
Format	Color
R_{YB}	139, 155, 124
Decimal	10195324
CIE _{Lab}	60.49, 0.11, 12.49
CIE _{LCh}	60, 12.489, 89.505
Yxy	28.6746, 0.3448, 0.3624
Android (android.graphics.Color)	4288385404 (0xFF9B917C)
YUV	145.5960, -10.6468, 8.2473
Hunter-Lab	53.5487, -2.7709, 11.8346

Details

The XYZ color **27.2811, 28.6746, 23.1657** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7537, 23.7014, 34.3862**, and the grayscale version is **27.1955, 28.6118, 31.1582**.

A 20% lighter version of the original color is **54.9376, 57.7228, 49.8411**, and **11.0711, 11.6355, 8.3190** is the 20% darker color. If you saturate the color by 10%, you get **25.6301, 26.8198, 18.1535**, and if you desaturate by 10%, it is **29.1214, 30.6609, 29.0019**.

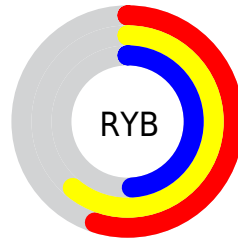
Distribution



Red (61%)

Green (57%)

Blue (49%)



Red (55%)

Yellow (61%)

Blue (49%)

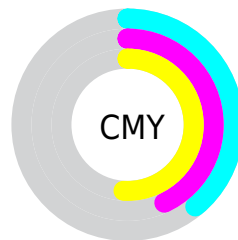


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2811, 28.6746, 23.1657 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 27.2811, 28.6746, 23.1657 by changing the saturation by 10% instead.

■ 27.2811, 28.6746,
23.1657

■ 27.2811, 28.6746,
23.1657

281.1584,
295.6765, 281.7244

■ 17.9221, 18.8348,
14.5095

■ 54.7513, 57.5597,
49.5919

■ 10.9934, 11.5510,
8.3331

■ 73.5933, 77.3738,
68.1989

■ 6.1297, 6.4387,
4.2180

■ 96.3270, 101.2814,
90.9600

■ 2.9655, 3.1136,
1.7457

123.3177,
129.6669, 118.2936

■ 1.1355, 1.1913,
0.3918

154.9308,
162.9149, 150.6183

■ 0.0545, 0.0546,
0.0000

191.5318,

■ 0.0000, 0.0000,

201.4095, 188.3526

0.0000

233.4858,
245.5352, 231.9152

■ 27.2811, 28.6746,
23.1657

■ 27.2811, 28.6746,
23.1657

■ 25.6301, 26.8198,
18.1535

■ 29.1214, 30.6609,
29.0019

■ 24.1585, 25.0888,
13.9255

■ 31.1557, 32.7782,
35.6957

■ 22.8588, 23.4790,
10.4414

■ 33.3916, 35.0313,
43.2812

■ 21.7221, 21.9862,
7.6565

■ 35.8356, 37.4234,
51.7900

■ 20.7386, 20.6055,
5.5211

■ 38.4935, 39.9574,
61.2520

■ 19.8972, 19.3319,
3.9791

■ 41.3713, 42.6365,
71.6960

■ 19.1850, 18.1595,
2.9649

■ 44.4745, 45.4633,
83.1494

■ 18.5709, 17.0750,
2.3170

■ 47.8086, 48.4406,
95.6386

■ 18.5709, 17.0749,
2.3170

■ 49.9791, 51.0114,
101.8198

Harmonies

Analogous

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



28.8564, 28.6746, 24.1856



27.2811, 28.6746, 23.1657



25.7573, 28.6746, 24.1210

Triad

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



27.2811, 28.6746, 23.1657



24.6468, 28.6746, 35.7970



30.0111, 28.6746, 35.9426

Complementary

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



27.2811, 28.6746, 23.1657



22.7537, 23.7014, 34.3862

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.



28.8083, 28.6746, 39.5949



27.2811, 28.6746, 23.1657



25.7127, 28.6746, 39.5052

Square

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



27.2811, 28.6746, 23.1657



24.2732, 28.6746, 31.1452



27.2276, 28.6746, 40.9576



30.4701, 28.6746, 31.2984

Rectangle

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



27.2811, 28.6746, 23.1657



24.9663, 28.6746, 25.8089



27.2276, 28.6746, 40.9576



29.6780, 28.6746, 37.3430

Sweetspot

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



27.2819, 28.6759, 23.1663



53.5252, 56.3536, 56.4072



25.0520, 23.1148, 25.8180



12.0669, 12.7049, 12.6094



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.



27.2819, 28.6759, 23.1663



47.4959, 49.8415, 37.2982



27.9068, 31.3665, 23.6527



6.5409, 6.8868, 6.5904



14.9516, 13.7855, 1.8728



0.2561, 0.2712, 0.0389

Inverse Universe

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



22.7537, 23.7014, 34.3862



37.8828, 39.2825, 61.1219



22.2030, 21.4625, 33.9831



6.0390, 6.3354, 7.8335



5.6992, 3.7951, 25.3398



0.1157, 0.1177, 0.3890

Previews

White Background



This preview shows how the XYZ color 27.2811, 28.6746, 23.1657 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 27.2811, 28.6746, 23.1657 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 27.2811, 28.6746, 23.1657

Background



This preview shows how black text looks on a background with the XYZ color 27.2811, 28.6746, 23.1657.



This preview shows how white text looks on a background with the XYZ color 27.2811, 28.6746,

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

27.2811, 28.6746, 23.1657

Protanopia

27.0538, 28.7853, 23.1990

Deuteranopia

29.0161, 28.4523, 23.3646



Tritanopia

29.4904, 28.6877, 33.6887

Trichromacy



Original Color

27.2811, 28.6746, 23.1657

Protanomaly

27.2434, 28.8830, 23.2079

Deuteranomaly

28.4789, 28.6132, 23.4239

Tritanomaly

28.6560, 28.5681, 29.5950

Monochromacy



Original Color

27.2811, 28.6746, 23.1657

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.2608, 28.7823, 28.1635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2811, 28.6746, 23.1657 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(155, 145, 124)` looks like.

```
.text, #text, p{  
    color:rgb(155, 145, 124)  
}
```

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(155, 145, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 145, 124) }
```

Border

The CSS property to change the border of an element to XYZ 27.2811, 28.6746, 23.1657 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(155, 145, 124) }
```


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

```
.border{ border-color:rgb(155, 145, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 145, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 145, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 145, 124);  
box-shadow:4px 4px 4px 4px rgb(155, 145,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2811, 28.6746, 23.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 145, 124) }
```

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

```
.background{ background-color: rgb(155,  
145, 124) }
```

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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