

Converting Colors

XYZ(27.9081, 23.8379, 13.8213)

Have a look what the booklet for
XYZ(27.9081, 23.8379, 13.8213)
contains.

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Color

**XYZ(27.7902, 23.7101,
13.7015)**

Conversions

Conversions Part 1

Format	Color
Hex	B6765E
RGB	182, 118, 94
RGB Percent	71%, 46%, 37%
CMY	0.2863, 0.5372, 0.6314
CMYK	0.00, 0.35, 0.48, 0.29
HSL	16°, 38%, 54%
HSV	16°, 48%, 71%
XYZ	27.7902, 23.7101, 13.7015
YIQ	134.4000, 45.8480, 6.1040

Conversions

Conversions Part 2

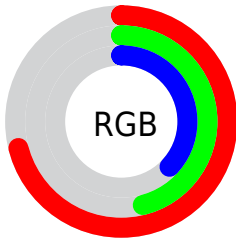
Format	Color
RYB	182, 127, 94
Decimal	11957854
CIELab	55.80, 22.39, 23.56
CIELCh	56, 32.507, 46.460
Yxy	23.7101, 0.4262, 0.3636
Android (android.graphics.Color)	4290147934 (0xFFB6765E)
YUV	134.4000, -19.9172, 41.7452
Hunter-Lab	48.6930, 16.6612, 17.4018

Details

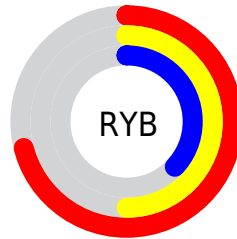
The XYZ color **27.7902, 23.7101, 13.7015** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **25.2858, 30.2094, 48.7541**, and the grayscale version is **22.8671, 24.0580, 26.1991**.

A 20% lighter version of the original color is **55.6089, 49.6954, 33.4493**, and **11.2658, 8.9053, 3.9214** is the 20% darker color. If you saturate the color by 10%, you get **25.6171, 20.5204, 9.4120**, and if you desaturate by 10%, it is **30.3758, 27.4167, 19.0790**.

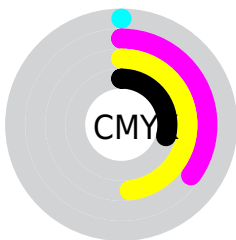
Distribution



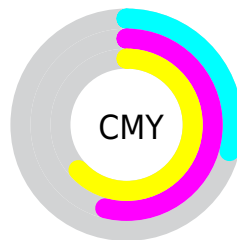
- Red (71%)
- Green (46%)
- Blue (37%)



- Red (71%)
- Yellow (50%)
- Blue (37%)



- Cyan (0%)
- Magenta (35%)
- Yellow (48%)
- Black (29%)





- Cyan (29%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7902, 23.7101, 13.7015 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 27.7902, 23.7101, 13.7015 by changing the saturation by 10% instead.


 27.7902, 23.7101,
13.7015


 27.7902, 23.7101,
13.7015


283.5613,
271.3515, 226.7293


 18.3072, 15.1187,
7.7770


 55.5603, 49.5567,
33.2679


 11.2718, 8.9027,
3.8669


 74.5781, 67.5807,
47.7469

 6.3186, 4.6778,
1.5526


 97.5049, 89.5177,
65.9144

 3.0823, 2.0595,
0.2566

 124.7061,
115.7521, 88.1890

 1.1974, 0.6417,
0.0000

156.5470,
146.6683, 114.9893

 0.1043, 0.0000,
0.0000

193.3929,

 0.0000, 0.0000,

182.6507, 146.7337

0.0000

235.6092,
224.0836, 183.8409

■ 27.7902, 23.7101,
13.7015

■ 27.7902, 23.7101,
13.7015

■ 25.6171, 20.5204,
9.4120

■ 30.3758, 27.4167,
19.0790

■ 23.8319, 17.8203,
6.1336

■ 33.3931, 31.6586,
25.6112

■ 22.4099, 15.5855,
3.7817

■ 36.8620, 36.4576,
33.3613

■ 21.3225, 13.7878,
2.2568

■ 40.8009, 41.8335,
42.3871

■ 20.5281, 12.3923,
1.3962

■ 45.2268, 47.8046,
52.7430

■ 20.4168, 12.1960,
1.2780

■ 50.1560, 54.3889,
64.4802

■ 55.6042, 61.6033,
77.6470

■ 61.5860, 69.4641,
92.2896

■ 67.6615, 77.8053,
106.0595

Harmonies

Analogous

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



30.0553, 23.7101, 20.4715



27.7902, 23.7101, 13.7015



24.2396, 23.7101, 10.6617

Triad

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



27.7902, 23.7101, 13.7015



16.3126, 23.7101, 21.3414



24.6085, 23.7101, 50.6455

Complementary

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



27.7902, 23.7101, 13.7015



25.2858, 30.2094, 48.7541

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.



20.9137, 23.7101, 51.0671



27.7902, 23.7101, 13.7015



16.3883, 23.7101, 32.0186

Square

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



27.7902, 23.7101, 13.7015



17.7699, 23.7101, 14.1877



17.9892, 23.7101, 43.5441



28.0856, 23.7101, 42.5137

Rectangle

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



27.7902, 23.7101, 13.7015



21.7461, 23.7101, 10.4217



17.9892, 23.7101, 43.5441



23.3443, 23.7101, 51.7574

Sweetspot

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



27.7908, 23.7113, 13.7020



68.9500, 69.0028, 65.3000



29.5117, 20.4377, 34.9784



14.9092, 14.8026, 13.6954



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.7908, 23.7113, 13.7020



46.2193, 36.8690, 16.6365



34.1383, 36.4064, 15.8178



9.1987, 9.4003, 9.4365



14.4667, 8.7097, 0.9187



0.5633, 0.4137, 0.0502

Inverse Universe

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



25.2858, 30.2094, 48.7541



41.0885, 49.9475, 87.7110



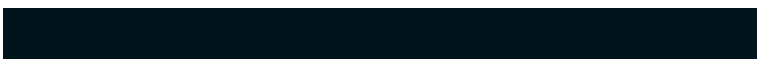
19.1374, 17.9126, 46.7046



9.0539, 9.7851, 11.4910



11.8812, 14.2221, 33.3720



0.4674, 0.5986, 1.1926

Previews

White Background



This preview shows how the XYZ color 27.7902, 23.7101, 13.7015 looks on a white background.

Color Contrast Check

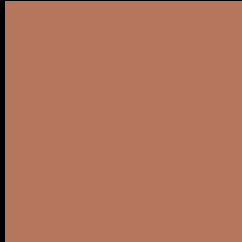
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7902, 23.7101, 13.7015 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 27.7902, 23.7101, 13.7015

Background



This preview shows how black text looks on a background with the XYZ color 27.7902, 23.7101, 13.7015.



This preview shows how white text looks on a background with the XYZ color 27.7902, 23.7101,

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

27.7902, 23.7101, 13.7015

Protanopia

22.3757, 23.9191, 15.7494

Deuteranopia

24.1481, 23.6846, 13.4241



Tritanopia

29.3596, 23.6550, 21.7573

Trichromacy



Original Color

27.7902, 23.7101, 13.7015

Protanomaly

24.0243, 23.5893, 14.8422

Deuteranomaly

25.3319, 23.5304, 13.5626

Tritanomaly

28.5838, 23.4986, 18.3584

Monochromacy



Original Color

27.7902, 23.7101, 13.7015

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.8114, 23.3496, 20.7047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7902, 23.7101, 13.7015 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(182, 118, 94)` looks like.

```
.text, #text, p{  
    color:rgb(182, 118, 94)  
}
```

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(182, 118, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 118, 94) }
```

Border

The CSS property to change the border of an element to XYZ 27.7902, 23.7101, 13.7015 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(182, 118, 94) }
```


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

```
.border{ border-color:rgb(182, 118, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 118, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 118, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 118, 94);  
box-shadow:4px 4px 4px 4px rgb(182, 118,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7902, 23.7101, 13.7015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 118, 94) }
```

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

```
.background{ background-color: rgb(182,  
118, 94) }
```

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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