

Converting Colors

XYZ(23.2961, 23.1434, 17.9911)

Have a look what the booklet for
XYZ(23.2961, 23.1434, 17.9911)
contains.

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Color

**XYZ(23.2961, 23.1434,
17.9911)**

Conversions

Conversions Part 1

Format	Color
Hex	97806E
RGB	151, 128, 110
RGB Percent	59%, 50%, 43%
CMY	0.4078, 0.4980, 0.5686
CMYK	0.00, 0.15, 0.27, 0.41
HSL	26°, 16%, 51%
HSV	26°, 27%, 59%
XYZ	23.2961, 23.1434, 17.9911
YIQ	132.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

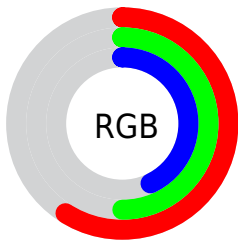
Format	Color
R_{YB}	151, 142, 110
Decimal	9928814
CIE _{Lab}	55.22, 5.93, 13.04
CIE _{LCh}	55, 14.328, 65.563
Yxy	23.1434, 0.3616, 0.3592
Android (android.graphics.Color)	4288118894 (0xFF97806E)
YUV	132.8250, -11.2527, 15.9395
Hunter-Lab	48.1076, 2.2503, 11.5023

Details

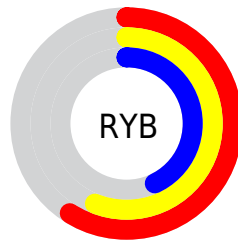
The XYZ color **23.2961, 23.1434, 17.9911** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.4036, 22.3237, 32.5117**, and the grayscale version is **22.2658, 23.4253, 25.5102**.

A 20% lighter version of the original color is **48.4991, 48.7782, 41.0414**, and **8.8111, 8.5924, 5.7515** is the 20% darker color. If you saturate the color by 10%, you get **21.4842, 20.7249, 13.6708**, and if you desaturate by 10%, it is **25.3416, 25.8045, 23.0810**.

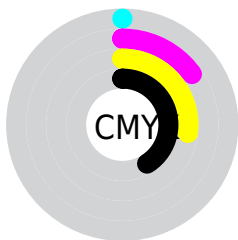
Distribution



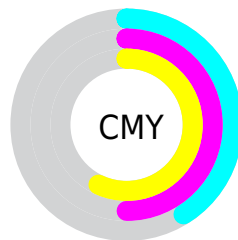
- Red (59%)
- Green (50%)
- Blue (43%)



- Red (59%)
- Yellow (56%)
- Blue (43%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (41%)



- Cyan (41%)
- Magenta (50%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2961, 23.1434, 17.9911 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 23.2961, 23.1434, 17.9911 by changing the saturation by 10% instead.

■ 23.2961, 23.1434,
17.9911

■ 23.2961, 23.1434,
17.9911

261.7492,
268.4607, 253.0553

■ 14.9342, 14.6994,
10.7742

■ 48.3422, 48.6287,
40.8359

■ 8.8592, 8.6087,
5.8030

■ 65.7570, 66.4388,
57.3009

■ 4.7058, 4.4869,
2.6588

■ 86.9202, 88.1397,
77.6857

■ 2.1087, 1.9495,
0.9226

■ 112.1972,
114.1159, 102.4088

■ 0.6939, 0.5779,
0.0000

141.9532,
144.7517, 131.8888

■ 0.0000, 0.0000,
0.0000

176.5536,

180.4315, 166.5441

216.3639,
221.5397, 206.7935

■ 23.2961, 23.1434,
17.9911

■ 23.2961, 23.1434,
17.9911

■ 21.4842, 20.7249,
13.6708

■ 25.3416, 25.8045,
23.0810

■ 19.8946, 18.5386,
10.0806

■ 27.6277, 28.7121,
28.9746

■ 18.5181, 16.5777,
7.1795

■ 30.1631, 31.8737,
35.7055

■ 17.3435, 14.8339,
4.9218

■ 32.9558, 35.2959,
43.3052

■ 16.3589, 13.2985,
3.2562

■ 36.0132, 38.9848,
51.8034

■ 15.5505, 11.9616,
2.1234

■ 39.3425, 42.9462,
61.2284

■ 14.8968, 10.8102,
1.4249

■ 42.9506, 47.1859,
71.6073

■ 14.7286, 10.5114,
1.2526

■ 46.8441, 51.7094,
82.9660

■ 51.0294, 56.5221,
95.3295

Harmonies

Analogous

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



24.5991, 23.1434, 20.4091



23.2961, 23.1434, 17.9911



21.6999, 23.1434, 17.3996

Triad

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



23.2961, 23.1434, 17.9911



19.0717, 23.1434, 26.0641



23.8376, 23.1434, 33.0779

Complementary

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



23.2961, 23.1434, 17.9911



20.4036, 22.3237, 32.5117

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.



22.2971, 23.1434, 35.0382



23.2961, 23.1434, 17.9911



19.5854, 23.1434, 30.6858

Square

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



23.2961, 23.1434, 17.9911



19.3104, 23.1434, 21.7233



20.7473, 23.1434, 34.1137



24.9222, 23.1434, 29.0275

Rectangle

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



23.2961, 23.1434, 17.9911



20.6946, 23.1434, 18.0497



20.7473, 23.1434, 34.1137



23.3532, 23.1434, 34.0241

Sweetspot

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



23.2967, 23.1445, 17.9916



49.0449, 50.8742, 50.7585



22.5884, 19.4313, 24.8352



11.0107, 11.3905, 11.1810



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.2967, 23.1445, 17.9916



39.5624, 38.5803, 27.0319



26.2089, 28.9688, 18.9623



6.4208, 6.6467, 6.5504



12.5575, 8.9974, 1.0748



0.2231, 0.2052, 0.0279

Inverse Universe

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



20.4036, 22.3237, 32.5117



33.4337, 36.8388, 57.7821



17.8920, 17.3005, 31.6745



6.1574, 6.5721, 7.8730



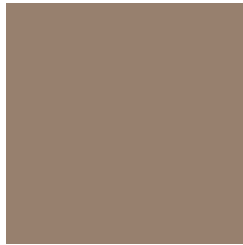
7.5240, 7.4447, 25.9481



0.1487, 0.1837, 0.4000

Previews

White Background



This preview shows how the XYZ color 23.2961, 23.1434, 17.9911 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 23.2961, 23.1434, 17.9911 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 23.2961, 23.1434, 17.9911

Background



This preview shows how black text looks on a background with the XYZ color 23.2961, 23.1434, 17.9911.



This preview shows how white text looks on a background with the XYZ color 23.2961, 23.1434,

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

23.2961, 23.1434, 17.9911

Protanopia

21.8234, 23.1613, 18.6496

Deuteranopia

23.5407, 23.0768, 17.9654



Tritanopia

24.9631, 23.2585, 25.7279

Trichromacy



Original Color

23.2961, 23.1434, 17.9911

Protanomaly

22.3132, 23.2199, 18.3448

Deuteranomaly

23.3527, 22.9799, 17.9566

Tritanomaly

24.2994, 23.1747, 22.5945

Monochromacy



Original Color

23.2961, 23.1434, 17.9911

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.6332, 23.2887, 22.7043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2961, 23.1434, 17.9911 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(151, 128, 110)` looks like.

```
.text, #text, p{  
    color:rgb(151, 128, 110)  
}
```

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(151, 128, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 128, 110) }
```

Border

The CSS property to change the border of an element to XYZ 23.2961, 23.1434, 17.9911 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(151, 128, 110) }
```


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

```
.border{ border-color:rgb(151, 128, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 128, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 128, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 128, 110);  
box-shadow:4px 4px 4px 4px rgb(151, 128,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2961, 23.1434, 17.9911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 128, 110) }
```

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

```
.background{ background-color: rgb(151,  
128, 110) }
```

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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