

Converting Colors

XYZ(23.7913, 25.6080, 17.8118)

Have a look what the booklet for
XYZ(23.7913, 25.6080, 17.8118)
contains.

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Color

**XYZ(23.7935, 25.6589,
17.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	928B6C
RGB	146, 139, 108
RGB Percent	57%, 55%, 42%
CMY	0.4274, 0.4549, 0.5765
CMYK	0.00, 0.05, 0.26, 0.43
HSL	49°, 15%, 50%
HSV	49°, 26%, 57%
XYZ	23.7935, 25.6589, 17.8860
YIQ	137.5590, 14.1230, -8.1570

Conversions

Conversions Part 2

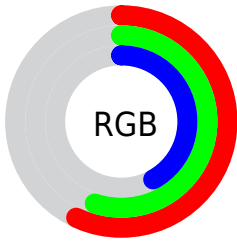
Format	Color
R_{YB}	117, 146, 108
Decimal	9603948
CIE Lab	57.71, -2.60, 17.56
CIE LCh	58, 17.748, 98.434
Yxy	25.6589, 0.3533, 0.3810
Android (android.graphics.Color)	4287794028 (0xFF928B6C)
YUV	137.5590, -14.5726, 7.4028
Hunter-Lab	50.6546, -4.8005, 14.5231

Details

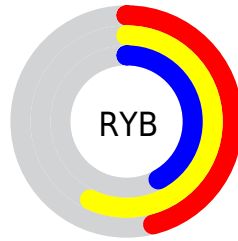
The XYZ color **23.7935, 25.6589, 17.8860** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.5034, 17.5247, 29.6545**, and the grayscale version is **24.0400, 25.2920, 27.5430**.

A 20% lighter version of the original color is **49.0142, 52.5167, 40.8111**, and **9.1073, 9.9039, 5.7066** is the 20% darker color. If you saturate the color by 10%, you get **22.6964, 24.6057, 14.0025**, and if you desaturate by 10%, it is **25.0317, 26.7856, 22.4592**.

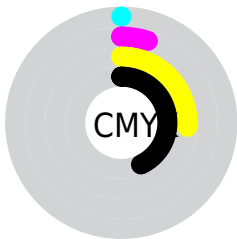
Distribution



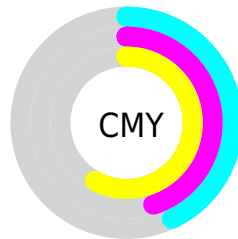
- Red (57%)
- Green (55%)
- Blue (42%)



- Red (46%)
- Yellow (57%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (26%)
- Black (43%)



- Cyan (43%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7935, 25.6589, 17.8860 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 23.7935, 25.6589, 17.8860 by changing the saturation by 10% instead.

■ 23.7935, 25.6589,
17.8860

■ 23.7935, 25.6589,
17.8860

264.2347,
281.1036, 252.4422

■ 15.3044, 16.5686,
10.6996

■ 49.1501, 52.7242,
40.6543

■ 9.1210, 9.9274,
5.7536

■ 66.7484, 71.4679,
57.0732

■ 4.8779, 5.3509,
2.6295

■ 88.1138, 94.1983,
77.4068

■ 2.2098, 2.4546,
0.9076

■ 113.6116,
121.2998, 102.0734

■ 0.7479, 0.8537,
0.0000

143.6073,
153.1566, 131.4918

■ 0.0000, 0.0000,
0.0000

178.4661,

190.1533, 166.0803

218.5535,
232.6741, 206.2576

■ 23.7935, 25.6589,
17.8860

■ 23.7935, 25.6589,
17.8860

■ 22.6964, 24.6057,
14.0025

■ 25.0317, 26.7856,
22.4592

■ 21.7318, 23.6198,
10.7730

■ 26.4150, 27.9850,
27.7522

■ 20.8933, 22.6995,
8.1608

■ 27.9499, 29.2604,
33.7953

■ 20.1731, 21.8415,
6.1253

■ 29.6417, 30.6143,
40.6167

■ 19.5624, 21.0422,
4.6207

■ 31.4956, 32.0488,
48.2430

■ 19.0512, 20.2974,
3.5944

■ 33.5164, 33.5659,
56.6996

■ 18.6246, 19.6011,
2.9683

■ 35.7089, 35.1676,
66.0107

■ 18.4648, 19.3324,
2.7583

■ 38.0774, 36.8557,
76.1996

■ 40.6263, 38.6322,
87.2886

Harmonies

Analogous

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



25.9213, 25.6589, 18.4056



23.7935, 25.6589, 17.8860



21.9348, 25.6589, 19.7361

Triad

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



23.7935, 25.6589, 17.8860



21.3247, 25.6589, 35.8636



28.3896, 25.6589, 32.4650

Complementary

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



23.7935, 25.6589, 17.8860



17.5034, 17.5247, 29.6545

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.



27.0177, 25.6589, 38.1461



23.7935, 25.6589, 17.8860



22.9164, 25.6589, 40.2981

Square

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



23.7935, 25.6589, 17.8860



20.5646, 25.6589, 29.6903



24.9924, 25.6589, 41.1890



28.6582, 25.6589, 26.2564

Rectangle

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



23.7935, 25.6589, 17.8860



21.0690, 25.6589, 22.2481



24.9924, 25.6589, 41.1890



28.0385, 25.6589, 34.5241

Sweetspot

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



23.7942, 25.6601, 17.8865



46.0554, 48.9053, 46.8546



20.3461, 18.0882, 18.8207



10.1688, 10.8136, 10.1279



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.7942, 25.6601, 17.8865



40.8610, 44.2099, 27.5704



22.9134, 26.7586, 18.1450



6.1756, 6.5650, 6.1821



16.2639, 17.0421, 2.4323



0.2180, 0.2465, 0.0361

Inverse Universe

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



17.5034, 17.5247, 29.6545



27.9110, 27.4653, 51.8038



18.2140, 16.7511, 29.4677



5.5808, 5.7955, 7.2942



4.9210, 2.5369, 24.1613



0.0763, 0.0631, 0.3011

Previews

White Background



This preview shows how the XYZ color 23.7935, 25.6589, 17.8860 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 23.7935, 25.6589, 17.8860 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 23.7935, 25.6589, 17.8860

Background



This preview shows how black text looks on a background with the XYZ color 23.7935, 25.6589, 17.8860.



This preview shows how white text looks on a background with the XYZ color 23.7935, 25.6589,

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

23.7935, 25.6589, 17.8860

Protanopia

24.0080, 25.5556, 17.8547

Deuteranopia

26.0481, 25.5606, 18.0288



Tritanopia

26.3984, 25.6738, 30.3523

Trichromacy



Original Color

23.7935, 25.6589, 17.8860

Protanomaly

23.8279, 25.4627, 17.8463

Deuteranomaly

25.1346, 25.5000, 18.0653

Tritanomaly

25.3634, 25.6638, 25.4466

Monochromacy



Original Color

23.7935, 25.6589, 17.8860

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.9037, 25.3720, 23.7161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7935, 25.6589, 17.8860 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(146, 139, 108)` looks like.

```
.text, #text, p{  
    color:rgb(146, 139, 108)  
}
```

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(146, 139, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 139, 108) }
```

Border

The CSS property to change the border of an element to XYZ 23.7935, 25.6589, 17.8860 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(146, 139, 108) }
```


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

```
.border{ border-color:rgb(146, 139, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 139, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 139, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 139, 108);  
box-shadow:4px 4px 4px 4px rgb(146, 139,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7935, 25.6589, 17.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 139, 108) }
```

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

```
.background{ background-color: rgb(146,  
139, 108) }
```

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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