

Converting Colors

XYZ(28.6525, 28.9047, 23.8950)

Have a look what the booklet for
XYZ(28.6525, 28.9047, 23.8950)
contains.

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Color

**XYZ(28.6926, 28.9378,
23.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	A38F7E
RGB	163, 143, 126
RGB Percent	64%, 56%, 49%
CMY	0.3608, 0.4392, 0.5059
CMYK	0.00, 0.12, 0.23, 0.36
HSL	28°, 17%, 57%
HSV	28°, 23%, 64%
XYZ	28.6926, 28.9378, 23.8120
YIQ	147.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

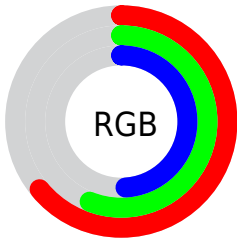
Format	Color
R_{YB}	163, 157, 126
Decimal	10719102
CIE _{Lab}	60.73, 4.69, 11.79
CIE _{LCh}	61, 12.691, 68.288
Yxy	28.9378, 0.3523, 0.3553
Android (android.graphics.Color)	4288909182 (0xFFA38F7E)
YUV	147.0420, -10.3737, 13.9952
Hunter-Lab	53.7939, 1.0692, 11.4108

Details

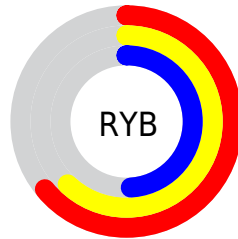
The XYZ color **28.6926, 28.9378, 23.8120** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4937, 27.6370, 38.6413**, and the grayscale version is **27.7877, 29.2348, 31.8367**.

A 20% lighter version of the original color is **57.0164, 58.0926, 50.8557**, and **11.8095, 11.7440, 8.6656** is the 20% darker color. If you saturate the color by 10%, you get **26.4546, 26.0099, 18.2928**, and if you desaturate by 10%, it is **31.2074, 32.1446, 30.2697**.

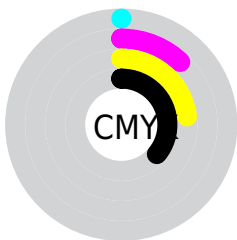
Distribution



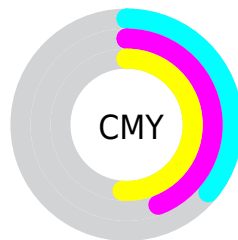
- Red (64%)
- Green (56%)
- Blue (49%)



- Red (64%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6926, 28.9378, 23.8120 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 28.6926, 28.9378, 23.8120 by changing the saturation by 10% instead.

■ 28.6926, 28.9378,
23.8120

■ 28.6926, 28.9378,
23.8120

287.7822,
296.9214, 285.1245

■ 18.9915, 19.0338,
14.9833

■ 56.9893, 57.9782,
50.6632

■ 11.7681, 11.6947,
8.6612

■ 76.3156, 77.8835,
69.5228

■ 6.6571, 6.5361,
4.4271

■ 99.5810, 101.8912,
92.5632

■ 3.2930, 3.1737,
1.8624

127.1509,
130.3858, 120.2027

■ 1.3105, 1.2231,
0.4687

159.3906,
163.7518, 152.8601

■ 0.1911, 0.0804,
0.0000

196.6655,

■ 0.0000, 0.0000,

202.3734, 190.9539

0.0000

239.3409,
246.6351, 234.9025

■ 28.6926, 28.9378,
23.8120

■ 28.6926, 28.9378,
23.8120

■ 26.4546, 26.0099,
18.2928

■ 31.2074, 32.1446,
30.2697

■ 24.4804, 23.3490,
13.6659

■ 34.0068, 35.6341,
37.7055

■ 22.7594, 20.9478,
9.8837

■ 37.1010, 39.4149,
46.1591

■ 21.2793, 18.7973,
6.8936

■ 40.4990, 43.4940,
55.6672

■ 20.0262, 16.8878,
4.6367

■ 44.2094, 47.8784,
66.2648

■ 18.9850, 15.2087,
3.0462

■ 48.2404, 52.5745,
77.9853

■ 18.1377, 13.7482,
2.0424

■ 52.6000, 57.5886,
90.8605

■ 17.6141, 12.8060,
1.5435

■ 57.0692, 62.8364,
103.7285

■ 59.3523, 67.4025,
104.4895

Harmonies

Analogous

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



30.0654, 28.9378, 26.2169



28.6926, 28.9378, 23.8120



27.0506, 28.9378, 23.3597

Triad

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



28.6926, 28.9378, 23.8120



24.4887, 28.9378, 32.8337



29.5135, 28.9378, 39.1755

Complementary

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



28.6926, 28.9378, 23.8120



25.4937, 27.6370, 38.6413

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.



27.9635, 28.9378, 41.3608



28.6926, 28.9378, 23.8120



25.0933, 28.9378, 37.4678

Square

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



28.6926, 28.9378, 23.8120



24.6664, 28.9378, 28.2712



26.3497, 28.9378, 40.7065



30.5524, 28.9378, 34.9836

Rectangle

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



28.6926, 28.9378, 23.8120



26.0311, 28.9378, 24.1786



26.3497, 28.9378, 40.7065



29.0325, 28.9378, 40.1873

Sweetspot

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



28.6934, 28.9391, 23.8126



58.6178, 60.9849, 61.4057



27.7810, 24.7949, 30.6591



13.1029, 13.6192, 13.6256



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.6934, 28.9391, 23.8126



49.4017, 49.2475, 37.6946



31.6414, 34.8353, 24.7953



7.3294, 7.5972, 7.4602



13.7338, 10.0416, 1.2144



0.3357, 0.3052, 0.0412

Inverse Universe

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



25.4937, 27.6370, 38.6413



42.6926, 46.5163, 68.7845



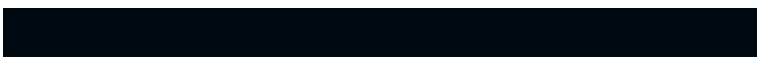
22.9150, 22.4796, 37.7817



7.0027, 7.4643, 8.9748



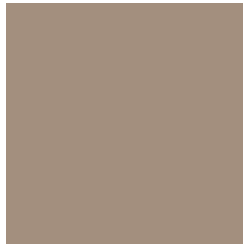
7.9018, 7.5831, 27.9770



0.2127, 0.2526, 0.6034

Previews

White Background



This preview shows how the XYZ color 28.6926, 28.9378, 23.8120 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 28.6926, 28.9378, 23.8120 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 28.6926, 28.9378, 23.8120

Background



This preview shows how black text looks on a background with the XYZ color 28.6926, 28.9378, 23.8120.



This preview shows how white text looks on a background with the XYZ color 28.6926, 28.9378,

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

28.6926, 28.9378, 23.8120

Protanopia

27.5016, 28.9863, 24.5675

Deuteranopia

29.4392, 28.8809, 23.7616



Tritanopia

30.4635, 28.7742, 32.8025

Trichromacy



Original Color

28.6926, 28.9378, 23.8120

Protanomaly

27.8608, 28.9512, 24.1984

Deuteranomaly

29.1648, 28.9594, 23.7912

Tritanomaly

29.7029, 28.6786, 29.1693

Monochromacy



Original Color

28.6926, 28.9378, 23.8120

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0760, 29.1942, 28.5814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6926, 28.9378, 23.8120 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(163, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(163, 143, 126)  
}
```

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(163, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 143, 126) }
```

Border

The CSS property to change the border of an element to XYZ 28.6926, 28.9378, 23.8120 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(163, 143, 126) }
```


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

```
.border{ border-color:rgb(163, 143, 126) }
```

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

Here you see how a box with a 4 pixel rgb(163, 143, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 143, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 143, 126);  
box-shadow:4px 4px 4px 4px rgb(163, 143,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6926, 28.9378, 23.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 143, 126) }
```

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

```
.background{ background-color: rgb(163,  
143, 126) }
```

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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