

Converting Colors

XYZ(28.3799, 30.9023, 11.6775)

Have a look what the booklet for
XYZ(28.3799, 30.9023, 11.6775)
contains.

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Color

**XYZ(28.3781, 30.8988,
11.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	A7974E
RGB	167, 151, 78
RGB Percent	65%, 59%, 31%
CMY	0.3451, 0.4078, 0.6941
CMYK	0.00, 0.10, 0.53, 0.35
HSL	49°, 36%, 48%
HSV	49°, 53%, 65%
XYZ	28.3781, 30.8988, 11.6761
YIQ	147.4620, 32.9690, -19.3110

Conversions

Conversions Part 2

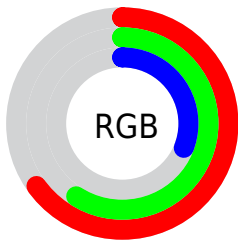
Format	Color
RYB	98, 167, 78
Decimal	10983246
CIELab	62.42, -3.84, 40.19
CIELCh	62, 40.375, 95.462
Yxy	30.8988, 0.4000, 0.4355
Android (android.graphics.Color)	4289173326 (0xFFA7974E)
YUV	147.4620, -34.2448, 17.1348
Hunter-Lab	55.5867, -6.1489, 26.4567

Details

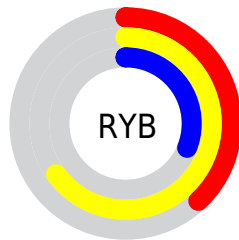
The XYZ color **28.3781, 30.8988, 11.6761** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.1195, 12.4147, 38.2111**, and the grayscale version is **28.0533, 29.5143, 32.1411**.

A 20% lighter version of the original color is **56.5342, 61.0949, 29.5817**, and **11.5890, 12.7138, 3.0056** is the 20% darker color. If you saturate the color by 10%, you get **27.3771, 29.7365, 8.7544**, and if you desaturate by 10%, it is **29.5449, 32.1494, 15.4039**.

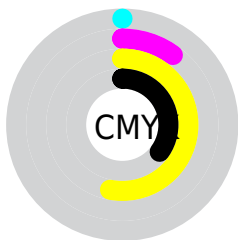
Distribution



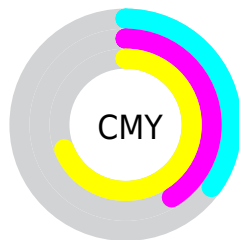
- Red (65%)
- Green (59%)
- Blue (31%)



- Red (38%)
- Yellow (65%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (53%)
- Black (35%)



- Cyan (35%)
- Magenta (41%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3781, 30.8988, 11.6761 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 28.3781, 30.8988, 11.6761 by changing the saturation by 10% instead.

■ 28.3781, 30.8988,
11.6761

■ 28.3781, 30.8988,
11.6761

286.3167,
306.0718, 213.1503

■ 18.7528, 20.5218,
6.4037

■ 56.4920, 61.0807,
29.5593

■ 11.5947, 12.7749,
3.0193

■ 75.7112, 81.6544,
43.0072

■ 6.5386, 7.2737,
1.1045

■ 98.8592, 106.3958,
60.0173

■ 3.2190, 3.6339,
0.0000

■ 126.3012,
135.6893, 81.0082

■ 1.2706, 1.4709,
0.0000

■ 158.4025,
169.9192, 106.3984

■ 0.1611, 0.2681,
0.0000

195.5287,

■ 0.0000, 0.0000,

209.4700, 136.6064

0.0000

238.0449,
254.7261, 172.0509

■ 28.3781, 30.8988,
11.6761

■ 28.3781, 30.8988,
11.6761

■ 27.3771, 29.7365,
8.7544

■ 29.5449, 32.1494,
15.4039

■ 26.5280, 28.6532,
6.5751

■ 30.8859, 33.4885,
19.9913

■ 25.8178, 27.6450,
5.0678

■ 32.4116, 34.9213,
25.4895

■ 25.2303, 26.7051,
4.1476

■ 34.1308, 36.4517,
31.9450

■ 24.8799, 26.1027,
3.7270

■ 36.0520, 38.0830,
39.4013

■ 38.1828, 39.8186,
47.8991

■ 40.5307, 41.6616,
57.4768

■ 43.1027, 43.6149,
68.1710

■ 45.9056, 45.6812,
80.0164

Harmonies

Analogous

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



33.9592, 30.8988, 12.9999



28.3781, 30.8988, 11.6761



23.6763, 30.8988, 14.5819

Triad

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



28.3781, 30.8988, 11.6761



21.6037, 30.8988, 54.3329



40.0194, 30.8988, 47.7767

Complementary

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



28.3781, 30.8988, 11.6761



14.1195, 12.4147, 38.2111

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.



35.9066, 30.8988, 64.6463



28.3781, 30.8988, 11.6761



25.2111, 30.8988, 69.1821

Square

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



28.3781, 30.8988, 11.6761



20.0888, 30.8988, 36.5944



30.3814, 30.8988, 73.4474



41.1392, 30.8988, 30.8557

Rectangle

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



28.3781, 30.8988, 11.6761



21.5246, 30.8988, 19.2857



30.3814, 30.8988, 73.4474



38.9181, 30.8988, 53.7871

Sweetspot

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



28.3788, 30.9002, 11.6767



60.1662, 64.4427, 53.5615



20.6955, 14.4784, 12.3685



13.3267, 14.2994, 11.4685



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.3788, 30.9002, 11.6767



48.7271, 52.8837, 14.8527



25.8108, 33.6606, 12.3449



8.0305, 8.5411, 8.0146



19.0709, 20.0390, 2.8628



0.4930, 0.5456, 0.0793

Inverse Universe

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



14.1195, 12.4147, 38.2111



20.4826, 16.3105, 67.5440



15.6654, 11.3146, 37.9173



7.2368, 7.5106, 9.4866



5.7198, 2.8997, 28.2337



0.1697, 0.1315, 0.6971

Previews

White Background



This preview shows how the XYZ color 28.3781, 30.8988, 11.6761 looks on a white background.

Color Contrast Check

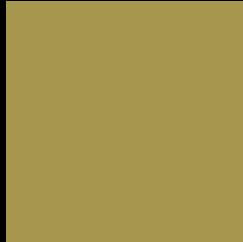
Large Text (above 18pt) WCAG AA × Fail

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 28.3781, 30.8988, 11.6761 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3781, 30.8988, 11.6761

Background



This preview shows how black text looks on a background with the XYZ color 28.3781, 30.8988, 11.6761.



This preview shows how white text looks on a background with the XYZ color 28.3781, 30.8988,

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

28.3781, 30.8988, 11.6761

Protanopia

28.3781, 30.8988, 11.6761

Deuteranopia

31.4288, 30.8400, 11.8857



Tritanopia

33.1108, 30.9767, 34.8058

Trichromacy



Original Color

28.3781, 30.8988, 11.6761

Protanomaly

28.3781, 30.8988, 11.6761

Deuteranomaly

30.2051, 30.8969, 11.7689

Tritanomaly

30.8394, 30.7221, 24.0432

Monochromacy



Original Color

28.3781, 30.8988, 11.6761

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4292, 29.4550, 22.6521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3781, 30.8988, 11.6761 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(167, 151, 78)` looks like.

```
.text, #text, p{  
    color:rgb(167, 151, 78)  
}
```

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(167, 151, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 151, 78) }
```

Border

The CSS property to change the border of an element to XYZ 28.3781, 30.8988, 11.6761 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(167, 151, 78) }
```


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

```
.border{ border-color:rgb(167, 151, 78) }
```

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

Here you see how a box with a 4 pixel rgb(167, 151, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 151, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 151, 78);  
box-shadow:4px 4px 4px 4px rgb(167, 151,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3781, 30.8988, 11.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 151, 78) }
```

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

```
.background{ background-color: rgb(167,  
151, 78) }
```

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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