

Converting Colors

XYZ(28.1802, 30.8889, 18.3868)

Have a look what the booklet for
XYZ(28.1802, 30.8889, 18.3868)
contains.

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Color

**XYZ(28.1802, 30.8889,
18.3868)**

Conversions

Conversions Part 1

Format	Color
Hex	9F986B
RGB	159, 152, 107
RGB Percent	62%, 60%, 42%
CMY	0.3765, 0.4039, 0.5804
CMYK	0.00, 0.04, 0.33, 0.38
HSL	52°, 21%, 52%
HSV	52°, 33%, 62%
XYZ	28.1802, 30.8889, 18.3868
YIQ	148.9630, 18.6170, -12.5110

Conversions

Conversions Part 2

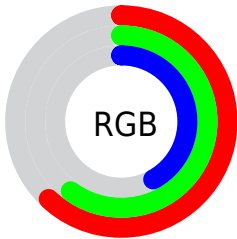
Format	Color
RYB	115, 159, 107
Decimal	10459243
CIELab	62.41, -4.59, 24.65
CIELCh	62, 25.072, 100.538
Yxy	30.8889, 0.3638, 0.3988
Android (android.graphics.Color)	4288649323 (0xFF9F986B)
YUV	148.9630, -20.6878, 8.8024
Hunter-Lab	55.5778, -6.7543, 19.2895

Details

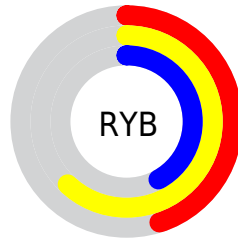
The XYZ color **28.1802, 30.8889, 18.3868** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.3387, 17.6633, 35.2440**, and the grayscale version is **28.6309, 30.1220, 32.8028**.

A 20% lighter version of the original color is **56.0609, 60.9420, 41.6091**, and **11.5065, 12.7489, 5.9920** is the 20% darker color. If you saturate the color by 10%, you get **27.0756, 29.8975, 14.2642**, and if you desaturate by 10%, it is **29.4464, 31.9571, 23.3229**.

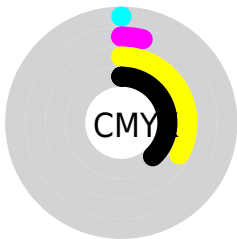
Distribution



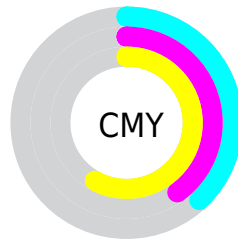
- Red (62%)
- Green (60%)
- Blue (42%)



- Red (45%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1802, 30.8889, 18.3868 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 28.1802, 30.8889, 18.3868 by changing the saturation by 10% instead.

■ 28.1802, 30.8889,
18.3868

■ 28.1802, 30.8889,
18.3868

285.3915,
306.0262, 255.3512

■ 18.6027, 20.5143,
11.0557

■ 56.1786, 61.0651,
41.5181

■ 11.4858, 12.7694,
5.9897

■ 75.3303, 81.6355,
58.1555

■ 6.4643, 7.2700,
2.7701

■ 98.4040, 106.3732,
78.7320

■ 3.1727, 3.6315,
0.9785

■ 125.7652,
135.6627, 103.6663

■ 1.2458, 1.4696,
0.0000

157.7792,
169.8883, 133.3768

■ 0.1420, 0.2672,
0.0000

194.8113,

■ 0.0000, 0.0000,

209.4345, 168.2821

0.0000

237.2270,
254.6857, 208.8007

■ 28.1802, 30.8889,
18.3868

■ 28.1802, 30.8889,
18.3868

■ 27.0756, 29.8975,
14.2642

■ 29.4464, 31.9571,
23.3229

■ 26.1219, 28.9754,
10.9088

■ 30.8799, 33.1012,
29.1118

■ 25.3106, 28.1202,
8.2725

■ 32.4885, 34.3255,
35.7923

■ 24.6312, 27.3276,
6.3008

■ 34.2793, 35.6328,
43.4004

■ 24.0721, 26.5929,
4.9318

■ 36.2587, 37.0258,
51.9702

■ 23.6190, 25.9104,
4.0915

■ 38.4329, 38.5070,
61.5338

■ 23.3303, 25.4352,
3.6799

■ 40.8076, 40.0788,
72.1221

■ 43.3886, 41.7434,
83.7645

■ 46.1813, 43.5031,
96.4893

Harmonies

Analogous

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



31.5901, 30.8889, 18.8952



28.1802, 30.8889, 18.3868



25.3139, 30.8889, 21.3223

Triad

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



28.1802, 30.8889, 18.3868



24.6683, 30.8889, 47.3193



35.9602, 30.8889, 40.2604

Complementary

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



28.1802, 30.8889, 18.3868



18.3387, 17.6633, 35.2440

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.



33.8135, 30.8889, 49.9516



28.1802, 30.8889, 18.3868



27.2354, 30.8889, 54.5401

Square

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



28.1802, 30.8889, 18.3868



23.3926, 30.8889, 37.1723



30.5702, 30.8889, 55.5869



36.2622, 30.8889, 30.3254

Rectangle

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



28.1802, 30.8889, 18.3868



24.0298, 30.8889, 25.2434



30.5702, 30.8889, 55.5869



35.4230, 30.8889, 43.7011

Sweetspot

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



28.1810, 30.8903, 18.3874



55.9968, 59.8182, 54.9906



22.6391, 19.1199, 18.6571



12.5414, 13.4219, 12.0558



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.1810, 30.8903, 18.3874



49.0470, 54.0566, 27.5861



26.0028, 31.5033, 18.6206



7.0940, 7.5680, 7.0725



18.4489, 20.1335, 2.9138



0.3490, 0.3982, 0.0585

Inverse Universe

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



18.3387, 17.6633, 35.2440



28.7332, 26.7626, 62.3947



20.0027, 17.3940, 35.1043



6.3532, 6.5721, 8.3404



5.1793, 2.4501, 26.1072



0.1107, 0.0800, 0.4728

Previews

White Background



This preview shows how the XYZ color 28.1802, 30.8889, 18.3868 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 28.1802, 30.8889, 18.3868 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 28.1802, 30.8889, 18.3868

Background



This preview shows how black text looks on a background with the XYZ color 28.1802, 30.8889, 18.3868.



This preview shows how white text looks on a background with the XYZ color 28.1802, 30.8889,

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

28.1802, 30.8889, 18.3868

Protanopia

28.7724, 30.9604, 18.0951

Deuteranopia

31.4761, 30.9386, 18.7808



Tritanopia

31.8817, 30.9914, 36.1999

Trichromacy



Original Color

28.1802, 30.8889, 18.3868

Protanomaly

28.5684, 30.8552, 18.0856

Deuteranomaly

30.3099, 31.0332, 18.5799

Tritanomaly

30.3544, 30.8304, 28.7771

Monochromacy



Original Color

28.1802, 30.8889, 18.3868

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.3463, 30.3062, 26.9099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1802, 30.8889, 18.3868 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(159, 152, 107)` looks like.

```
.text, #text, p{  
    color:rgb(159, 152, 107)  
}
```

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(159, 152, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 152, 107) }
```

Border

The CSS property to change the border of an element to XYZ 28.1802, 30.8889, 18.3868 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(159, 152, 107) }
```


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

```
.border{ border-color:rgb(159, 152, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 152, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 152, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 152, 107);  
box-shadow:4px 4px 4px 4px rgb(159, 152,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1802, 30.8889, 18.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 152, 107) }
```

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

```
.background{ background-color: rgb(159,  
152, 107) }
```

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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