

Converting Colors

XYZ(28.6281, 32.6610, 24.8794)

Have a look what the booklet for
XYZ(28.6281, 32.6610, 24.8794)
contains.

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Color

**XYZ(28.6233, 32.7181,
24.8853)**

Conversions

Conversions Part 1

Format	Color
Hex	959F7F
RGB	149, 159, 127
RGB Percent	58%, 62%, 50%
CMY	0.4157, 0.3765, 0.5020
CMYK	0.06, 0.00, 0.20, 0.38
HSL	79°, 14%, 56%
HSV	79°, 20%, 62%
XYZ	28.6233, 32.7181, 24.8853
YIQ	152.3620, 4.3120, -12.0720

Conversions

Conversions Part 2

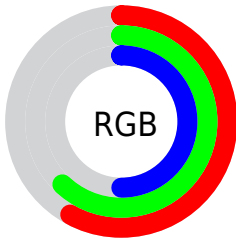
Format	Color
RYB	127, 159, 137
Decimal	9805695
CIELab	63.93, -9.39, 15.53
CIElCh	64, 18.151, 121.157
Yxy	32.7181, 0.3320, 0.3794
Android (android.graphics.Color)	4287995775 (0xFF959F7F)
YUV	152.3620, -12.5035, -2.9485
Hunter-Lab	57.1997, -10.7764, 14.2451

Details

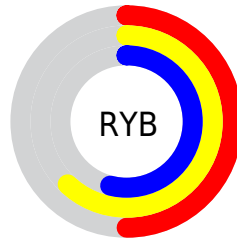
The XYZ color **28.6233, 32.7181, 24.8853** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.1652, 23.0012, 35.9687**, and the grayscale version is **30.0532, 31.6183, 34.4324**.

A 20% lighter version of the original color is **56.9134, 64.0849, 52.5500**, and **11.7747, 13.8719, 9.2647** is the 20% darker color. If you saturate the color by 10%, you get **26.7805, 31.8795, 19.8100**, and if you desaturate by 10%, it is **30.6701, 33.6449, 30.8252**.

Distribution



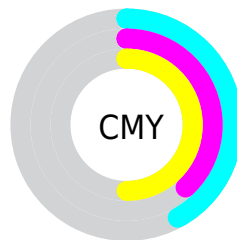
- Red (58%)
- Green (62%)
- Blue (50%)



- Red (50%)
- Yellow (62%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



- Cyan (42%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6233, 32.7181, 24.8853 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 28.6233, 32.7181, 24.8853 by changing the saturation by 10% instead.

■ 28.6233, 32.7181,
24.8853

■ 28.6233, 32.7181,
24.8853

287.4598,
314.3776, 290.6956

■ 18.9389, 21.9106,
15.7734

■ 56.8798, 63.9352,
52.4329

■ 11.7299, 13.7912,
9.2113

■ 76.1825, 85.1135,
71.7057

■ 6.6309, 7.9756,
4.7806

■ 99.4221, 110.5176,
95.2024

■ 3.2766, 4.0793,
2.0626

126.9638,
140.5317, 123.3418

■ 1.3017, 1.7180,
0.5934

159.1731,
175.5404, 156.5422

■ 0.1845, 0.4353,
0.0000

196.4153,

■ 0.0000, 0.0000,

215.9280, 195.2223

0.0000

239.0558,
262.0789, 239.8006

■ 28.6233, 32.7181,
24.8853

■ 28.6233, 32.7181,
24.8853

■ 26.7805, 31.8795,
19.8100

■ 30.6701, 33.6449,
30.8252

■ 25.1310, 31.1216,
15.5569

■ 32.9260, 34.6588,
37.6654

■ 23.6669, 30.4422,
12.0831

■ 35.3989, 35.7641,
45.4419

■ 22.3787, 29.8375,
9.3412

■ 38.0958, 36.9636,
54.1882

■ 21.2559, 29.3031,
7.2782

■ 41.0231, 38.2599,
63.9364

■ 20.2865, 28.8344,
5.8345

■ 44.1869, 39.6556,
74.7167

■ 19.4568, 28.4256,
4.9397

■ 47.5934, 41.1531,
86.5583

■ 18.7427, 28.0680,
4.4298

■ 51.2481, 42.7548,
99.4891

■ 52.6282, 43.4515,
100.2209

Harmonies

Analogous

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



30.9984, 32.7181, 23.3229



28.6233, 32.7181, 24.8853



26.9879, 32.7181, 29.2562

Triad

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



28.6233, 32.7181, 24.8853



28.7862, 32.7181, 49.4317



36.2750, 32.7181, 35.3410

Complementary

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



28.6233, 32.7181, 24.8853



24.1652, 23.0012, 35.9687

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.



35.6046, 32.7181, 42.8556



28.6233, 32.7181, 24.8853



31.1969, 32.7181, 51.6325

Square

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



28.6233, 32.7181, 24.8853



27.0783, 32.7181, 43.4149



33.7105, 32.7181, 49.0790



35.4961, 32.7181, 28.8266

Rectangle

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



28.6233, 32.7181, 24.8853



26.4894, 32.7181, 33.5040



33.7105, 32.7181, 49.0790



36.2114, 32.7181, 37.8325

Sweetspot

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



28.6242, 32.7195, 24.8860



56.4997, 60.9611, 59.9202



27.0189, 26.6821, 23.8053



12.6836, 13.7192, 13.3455



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.



28.6242, 32.7195, 24.8860



49.7875, 57.9249, 40.4450



25.9661, 31.3492, 24.7616



6.9683, 7.6163, 7.0885



14.8471, 22.1907, 3.5007



0.3068, 0.4181, 0.0645

Inverse Universe

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



24.1652, 23.0012, 35.9687



40.3781, 37.4138, 63.8369



26.9100, 24.4162, 36.0971



6.4701, 6.5308, 8.3262



6.0090, 2.5268, 26.0782



0.1482, 0.0662, 0.4682

Previews

White Background



This preview shows how the XYZ color 28.6233, 32.7181, 24.8853 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 28.6233, 32.7181, 24.8853 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 28.6233, 32.7181, 24.8853

Background



This preview shows how black text looks on a background with the XYZ color 28.6233, 32.7181, 24.8853.



This preview shows how white text looks on a background with the XYZ color 28.6233, 32.7181,

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

28.6233, 32.7181, 24.8853

Protanopia

30.5671, 32.4844, 24.0611

Deuteranopia

33.3003, 32.6636, 25.3185



Tritanopia

31.9561, 32.8329, 40.7295

Trichromacy



Original Color

28.6233, 32.7181, 24.8853

Protanomaly

29.9524, 32.6542, 24.4629

Deuteranomaly

31.4360, 32.6658, 25.0704

Tritanomaly

30.6928, 32.8162, 34.4222

Monochromacy



Original Color

28.6233, 32.7181, 24.8853

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.4418, 32.0052, 30.6125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6233, 32.7181, 24.8853 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(149, 159, 127) looks like.

```
.text, #text, p{  
    color:rgb(149, 159, 127)  
}
```

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(149, 159, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 159, 127) }
```

Border

The CSS property to change the border of an element to XYZ 28.6233, 32.7181, 24.8853 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(149, 159, 127) }
```


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

```
.border{ border-color:rgb(149, 159, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 159, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 159, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 159, 127);  
box-shadow:4px 4px 4px 4px rgb(149, 159,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6233, 32.7181, 24.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 159, 127) }
```

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

```
.background{ background-color: rgb(149,  
159, 127) }
```

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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