

Converting Colors

XYZ(29.9623, 33.1541, 24.8989)

Have a look what the booklet for
XYZ(29.9623, 33.1541, 24.8989)
contains.

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Color

**XYZ(29.9623, 33.1541,
24.8989)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9E7F
RGB	157, 158, 127
RGB Percent	62%, 62%, 50%
CMY	0.3843, 0.3804, 0.5020
CMYK	0.01, 0.00, 0.20, 0.38
HSL	62°, 14%, 56%
HSV	62°, 20%, 62%
XYZ	29.9623, 33.1541, 24.8989
YIQ	154.1670, 9.3550, -9.8530

Conversions

Conversions Part 2

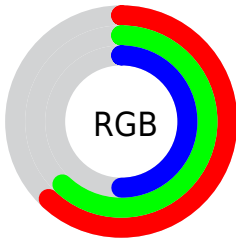
Format	Color
RYB	127, 158, 128
Decimal	10329727
CIELab	64.29, -5.77, 16.12
CIELCh	64, 17.121, 109.689
Yxy	33.1541, 0.3404, 0.3767
Android (android.graphics.Color)	4288519807 (0xFF9D9E7F)
YUV	154.1670, -13.3933, 2.4845
Hunter-Lab	57.5796, -7.8795, 14.6672

Details

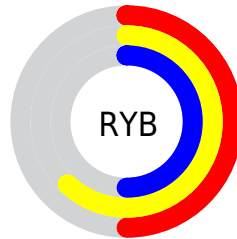
The XYZ color **29.9623, 33.1541, 24.8989** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.6642, 22.2374, 35.4472**, and the grayscale version is **30.8433, 32.4496, 35.3376**.

A 20% lighter version of the original color is **59.1838, 64.8808, 52.5839**, and **12.4585, 14.0687, 9.2666** is the 20% darker color. If you saturate the color by 10%, you get **28.9131, 32.7240, 19.8895**, and if you desaturate by 10%, it is **31.1752, 33.6519, 30.7603**.

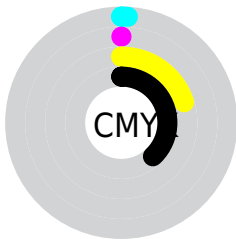
Distribution



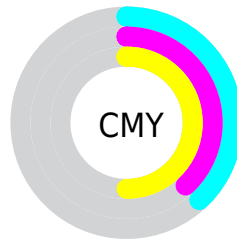
- Red (62%)
- Green (62%)
- Blue (50%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9623, 33.1541, 24.8989 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 29.9623, 33.1541, 24.8989 by changing the saturation by 10% instead.

■ 29.9623, 33.1541,
24.8989

■ 29.9623, 33.1541,
24.8989

293.6417,
316.3435, 290.7656

■ 19.9579, 22.2445,
15.7834

■ 58.9896, 64.6160,
52.4552

■ 12.4725, 14.0367,
9.2183

■ 78.7432, 85.9372,
71.7332

■ 7.1408, 8.1462,
4.7851

■ 102.4772,
111.4977, 95.2357

■ 3.5974, 4.1886,
2.0652

130.5571,
141.6818, 123.3813

■ 1.4770, 1.7796,
0.5949

163.3481,
176.8741, 156.5886

■ 0.3101, 0.4744,
0.0000

201.2156,

■ 0.0000, 0.0000,

217.4589, 195.2760

0.0000

244.5250,
263.8206, 239.8622

■ 29.9623, 33.1541,
24.8989

■ 29.9623, 33.1541,
24.8989

■ 28.9131, 32.7240,
19.8895

■ 31.1752, 33.6519,
30.7603

■ 28.0175, 32.3543,
15.6905

■ 32.5562, 34.2159,
37.5086

■ 27.2682, 32.0432,
12.2600

■ 34.1127, 34.8502,
45.1793

■ 26.6564, 31.7871,
9.5513

■ 35.8511, 35.5572,
53.8053

■ 26.1723, 31.5822,
7.5128

■ 37.7773, 36.3394,
63.4178

■ 25.8047, 31.4239,
6.0861

■ 39.8969, 37.1991,
74.0468

■ 25.5408, 31.3071,
5.2027

■ 42.2153, 38.1383,
85.7208

■ 25.3509, 31.2200,
4.7071

■ 44.7379, 39.1592,
98.4673

■ 25.3440, 31.2168,
4.6897

■ 45.0970, 39.3148,
99.8194

Harmonies

Analogous

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



32.3566, 33.1541, 24.4590



29.9623, 33.1541, 24.8989



28.0783, 33.1541, 28.1083

Triad

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



29.9623, 33.1541, 24.8989



28.5819, 33.1541, 47.3072



36.3413, 33.1541, 38.5503

Complementary

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



29.9623, 33.1541, 24.8989



22.6642, 22.2374, 35.4472

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.



35.2148, 33.1541, 45.4770



29.9623, 33.1541, 24.8989



30.6822, 33.1541, 50.9468

Square

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



29.9623, 33.1541, 24.8989



27.3102, 33.1541, 40.8028



33.1142, 33.1541, 50.2370



36.1241, 33.1541, 31.7717

Rectangle

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



29.9623, 33.1541, 24.8989



27.3260, 33.1541, 31.6462



33.1142, 33.1541, 50.2370



36.1050, 33.1541, 40.9514

Sweetspot

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



29.9632, 33.1556, 24.8996



57.4542, 61.4532, 59.9649



25.5886, 24.1148, 23.3851



12.9197, 13.8409, 13.3566



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.



29.9632, 33.1556, 24.8996



53.4499, 59.8130, 40.6164



27.2113, 31.7369, 24.7708



7.1489, 7.7094, 7.0969



20.3035, 25.0036, 3.7561



0.3689, 0.4501, 0.0674

Inverse Universe

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



22.6642, 22.2374, 35.4472



37.4761, 35.9178, 63.7011



25.0925, 23.4892, 35.5609



6.3036, 6.4450, 8.3185



5.0006, 2.0069, 26.0310



0.0946, 0.0385, 0.4657

Previews

White Background



This preview shows how the XYZ color 29.9623, 33.1541, 24.8989 looks on a white background.

Color Contrast Check

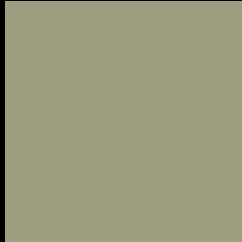
Large Text (above 18pt) WCAG AA × Fail

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 29.9623, 33.1541, 24.8989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

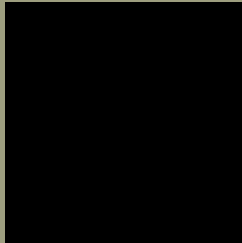
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.9623, 33.1541, 24.8989

Background



This preview shows how black text looks on a background with the XYZ color 29.9623, 33.1541, 24.8989.



This preview shows how white text looks on a background with the XYZ color 29.9623, 33.1541,

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

29.9623, 33.1541, 24.8989

Protanopia

31.0043, 32.9484, 24.4642

Deuteranopia

33.6912, 33.1010, 25.3823



Tritanopia

33.0831, 33.1805, 40.2581

Trichromacy



Original Color

29.9623, 33.1541, 24.8989

Protanomaly

30.5547, 32.9647, 24.4911

Deuteranomaly

32.3008, 33.1116, 25.1108

Tritanomaly

31.8045, 33.1506, 34.0006

Monochromacy



Original Color

29.9623, 33.1541, 24.8989

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2730, 32.4249, 31.0486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9623, 33.1541, 24.8989 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(157, 158, 127)` looks like.

```
.text, #text, p{  
    color:rgb(157, 158, 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(157, 158, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 158, 127) }
```

Border

The CSS property to change the border of an element to XYZ 29.9623, 33.1541, 24.8989 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(157, 158, 127) }
```


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

```
.border{ border-color:rgb(157, 158, 127) }
```

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

Here you see how a box with a 4 pixel rgb(157, 158, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 158, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 158, 127);  
box-shadow:4px 4px 4px 4px rgb(157, 158,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9623, 33.1541, 24.8989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 158, 127) }
```

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

```
.background{ background-color: rgb(157,  
158, 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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