

Converting Colors

XYZ(28.9832, 33.0440, 15.5747)

Have a look what the booklet for
XYZ(28.9832, 33.0440, 15.5747)
contains.

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Color

**XYZ(28.9609, 33.0961,
15.6883)**

Conversions

Conversions Part 1

Format	Color
Hex	A09F5F
RGB	160, 159, 95
RGB Percent	63%, 62%, 37%
CMY	0.3725, 0.3765, 0.6274
CMYK	0.00, 0.01, 0.41, 0.37
HSL	59°, 25%, 50%
HSV	59°, 41%, 63%
XYZ	28.9609, 33.0961, 15.6883
YIQ	152.0030, 21.1400, -19.6920

Conversions

Conversions Part 2

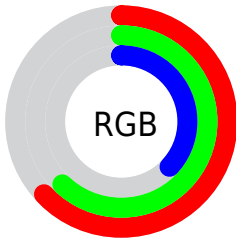
Format	Color
R_{YB}	96, 160, 95
Decimal	10526559
CIE _{Lab}	64.24, -9.40, 33.49
CIE _{LCh}	64, 34.787, 105.678
Yxy	33.0961, 0.3725, 0.4257
Android (android.graphics.Color)	4288716639 (0xFFA09F5F)
YUV	152.0030, -28.1025, 7.0134
Hunter-Lab	57.5292, -10.8171, 24.1020

Details

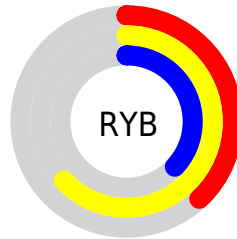
The XYZ color **28.9609, 33.0961, 15.6883** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2473, 13.3363, 35.0282**, and the grayscale version is **29.9581, 31.5183, 34.3234**.

A 20% lighter version of the original color is **57.5538, 64.7674, 36.6621**, and **11.9391, 14.0562, 4.7732** is the 20% darker color. If you saturate the color by 10%, you get **28.2653, 32.7517, 12.2295**, and if you desaturate by 10%, it is **29.8076, 33.5035, 19.9353**.

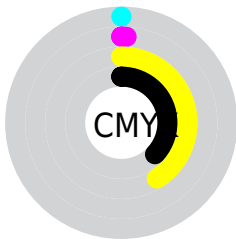
Distribution



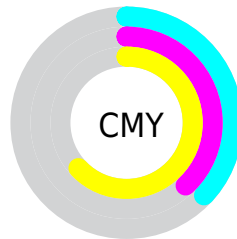
- Red (63%)
- Green (62%)
- Blue (37%)



- Red (38%)
- Yellow (63%)
- Blue (37%)



- Cyan (0%)
- Magenta (1%)
- Yellow (41%)
- Black (37%)



- Cyan (37%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9609, 33.0961, 15.6883 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 28.9609, 33.0961, 15.6883 by changing the saturation by 10% instead.

■ 28.9609, 33.0961,
15.6883

■ 28.9609, 33.0961,
15.6883

289.0280,
316.0825, 239.2779

■ 19.1954, 22.2001,
9.1519

■ 57.4129, 64.5255,
36.8155

■ 11.9164, 14.0040,
4.7422

■ 76.8302, 85.8277,
52.2433

■ 6.7586, 8.1234,
2.0407

■ 100.1954,
111.3674, 71.4720

■ 3.3565, 4.1740,
0.5802

■ 127.8739,
141.5291, 94.9202

■ 1.3450, 1.7714,
0.0000

160.2310,
176.6970, 123.0063

■ 0.2165, 0.4692,
0.0000

197.6322,

■ 0.0000, 0.0000,

217.2556, 156.1489

0.0000

240.4427,
263.5893, 194.7666

■ 28.9609, 33.0961,
15.6883

■ 28.9609, 33.0961,
15.6883

■ 28.2653, 32.7517,
12.2295

■ 29.8076, 33.5035,
19.9353

■ 27.7092, 32.4620,
9.5083

■ 30.8114, 33.9726,
25.0128

■ 27.2831, 32.2245,
7.4715


■ 31.9809, 34.5082,
30.9626


■ 26.9755, 32.0345,
6.0580


■ 33.3235, 35.1131,
37.8230


■ 26.7726, 31.8865,
5.1957


■ 34.8459, 35.7901,
45.6300

 26.6473, 31.7738,
4.7285

 36.5546, 36.5417,
54.4180

 38.4558, 37.3705,
64.2191

 40.5554, 38.2788,
75.0644

 42.8590, 39.2688,
86.9835

Harmonies

Analogous

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



33.8638, 33.0961, 15.5928



28.9609, 33.0961, 15.6883



25.1430, 33.0961, 20.1842

Triad

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



28.9609, 33.0961, 15.6883



25.2801, 33.0961, 59.1928



41.5792, 33.0961, 43.1875

Complementary

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



28.9609, 33.0961, 15.6883



15.2473, 13.3363, 35.0282

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.



38.7480, 33.0961, 58.5616



28.9609, 33.0961, 15.6883



29.1668, 33.0961, 69.3138

Square

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



28.9609, 33.0961, 15.6883



23.1745, 33.0961, 43.8926



34.0922, 33.0961, 69.0565



41.5092, 33.0961, 29.1778

Rectangle

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



28.9609, 33.0961, 15.6883



23.5759, 33.0961, 25.9594



34.0922, 33.0961, 69.0565



40.9233, 33.0961, 48.4317

Sweetspot

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



28.9617, 33.0976, 15.6890



57.7061, 62.4925, 54.3726



20.7048, 16.5045, 13.1814



12.5979, 13.6791, 11.6298



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.



28.9617, 33.0976, 15.6890



51.3994, 59.5072, 22.5881



23.6267, 30.6024, 15.4886



7.1615, 7.7029, 7.0950



20.7610, 24.7576, 3.6845



0.3737, 0.4476, 0.0667

Inverse Universe

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



15.2473, 13.3363, 35.0282



22.9261, 18.4815, 62.7455



19.1034, 15.1903, 35.1828



6.2925, 6.4507, 8.3201



4.9665, 2.0246, 26.0363



0.0909, 0.0404, 0.4662

Previews

White Background



This preview shows how the XYZ color 28.9609, 33.0961, 15.6883 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 28.9609, 33.0961, 15.6883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

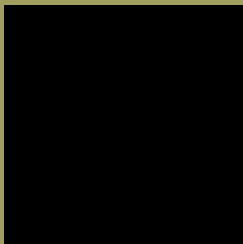
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9609, 33.0961, 15.6883

Background



This preview shows how black text looks on a background with the XYZ color 28.9609, 33.0961, 15.6883.



This preview shows how white text looks on a background with the XYZ color 28.9609, 33.0961,

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

28.9609, 33.0961, 15.6883

Protanopia

30.4864, 33.1311, 15.3778

Deuteranopia

33.6442, 33.0493, 15.9152



Tritanopia

33.8259, 33.1024, 39.2569

Trichromacy



Original Color

28.9609, 33.0961, 15.6883

Protanomaly

29.8032, 33.0291, 15.3941

Deuteranomaly

31.8627, 33.0920, 15.7744

Tritanomaly

31.6601, 32.9455, 28.7352

Monochromacy



Original Color

28.9609, 33.0961, 15.6883

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3356, 32.0499, 26.1128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9609, 33.0961, 15.6883 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(160, 159, 95)` looks like.

```
.text, #text, p{  
    color:rgb(160, 159, 95)  
}
```

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(160, 159, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 159, 95) }
```

Border

The CSS property to change the border of an element to XYZ 28.9609, 33.0961, 15.6883 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(160, 159, 95) }
```


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

```
.border{ border-color:rgb(160, 159, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 159, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 159, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 159, 95);  
box-shadow:4px 4px 4px 4px rgb(160, 159,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9609, 33.0961, 15.6883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 159, 95) }
```

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

```
.background{ background-color: rgb(160,  
159, 95) }
```

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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