

Converting Colors

XYZ(29.0681, 28.7889, 27.1123)

Have a look what the booklet for
XYZ(29.0681, 28.7889, 27.1123)
contains.

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Color

**XYZ(29.1504, 28.8818,
26.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	A38E87
RGB	163, 142, 135
RGB Percent	64%, 56%, 53%
CMY	0.3608, 0.4431, 0.4706
CMYK	0.00, 0.13, 0.17, 0.36
HSL	15°, 13%, 58%
HSV	15°, 17%, 64%
XYZ	29.1504, 28.8818, 26.9600
YIQ	147.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

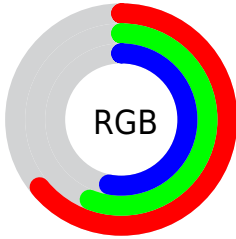
Format	Color
RYB	163, 144, 135
Decimal	10718855
CIELab	60.68, 6.68, 6.61
CIELCh	61, 9.402, 44.701
Yxy	28.8818, 0.3430, 0.3398
Android (android.graphics.Color)	4288908935 (0xFFA38E87)
YUV	147.4810, -6.1531, 13.6102
Hunter-Lab	53.7418, 2.7731, 7.8759

Details

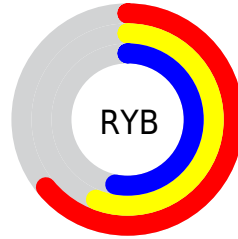
The XYZ color **29.1504, 28.8818, 26.9600** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4907, 31.5713, 39.2427**, and the grayscale version is **27.9535, 29.4092, 32.0267**.

A 20% lighter version of the original color is **57.7305, 58.0161, 55.7325**, and **12.0224, 11.6897, 10.2170** is the 20% darker color. If you saturate the color by 10%, you get **26.3697, 25.0184, 20.7980**, and if you desaturate by 10%, it is **32.3079, 33.2170, 34.1152**.

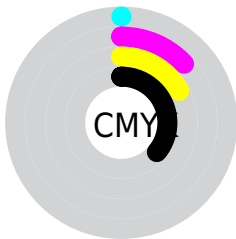
Distribution



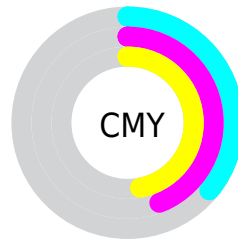
- Red (64%)
- Green (56%)
- Blue (53%)



- Red (64%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (36%)





- Cyan (36%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1504, 28.8818, 26.9600 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 29.1504, 28.8818, 26.9600 by changing the saturation by 10% instead.


 29.1504, 28.8818,
26.9600


 29.1504, 28.8818,
26.9600


289.9053,
296.6569, 301.2174


 19.3395, 18.9914,
17.3110

 57.7119, 57.8892,
55.8226

 12.0213, 11.6641,
10.2922


 77.1931, 77.7751,
75.8734

 6.8305, 6.5154,
5.4850


 100.6285,
101.7615, 100.2284

 3.4017, 3.1609,
2.4709

128.3834,
130.2330, 129.3063

 1.3696, 1.2163,
0.8247

160.8232,
163.5739, 163.5256

 0.2344, 0.0750,
0.0000

198.3132,

 0.0000, 0.0000,

202.1686, 203.3049

0.0000

241.2188,
246.4014, 249.0627

■ 29.1504, 28.8818,
26.9600

■ 29.1504, 28.8818,
26.9600

■ 26.3697, 25.0184,
20.7980

■ 32.3079, 33.2170,
34.1152

■ 23.9490, 21.6068,
15.5832

■ 35.8533, 38.0353,
42.3031

■ 21.8739, 18.6316,
11.2688

■ 39.8004, 43.3526,
51.5633

■ 20.1277, 16.0746,
7.8033

■ 44.1614, 49.1826,
61.9326

■ 18.6927, 13.9166,
5.1298

■ 48.9481, 55.5388,
73.4462

■ 17.5490, 12.1366,
3.1845

■ 54.1717, 62.4341,
86.1378

■ 16.6745, 10.7118,
1.8934

■ 59.8431, 69.8807,
100.0396

■ 16.0384, 9.6144,
1.1426

■ 64.2523, 77.2026,
106.1229

■ 15.8893, 9.3565,
0.9685

■ 67.9686, 84.6350,
107.3616

Harmonies

Analogous

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



29.7803, 28.8818, 29.7752



29.1504, 28.8818, 26.9600



28.0741, 28.8818, 25.4094

Triad

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



29.1504, 28.8818, 26.9600



25.2530, 28.8818, 29.7100



28.0501, 28.8818, 38.3939

Complementary

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



29.1504, 28.8818, 26.9600



28.4907, 31.5713, 39.2427

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.



26.8378, 28.8818, 38.3732



29.1504, 28.8818, 26.9600



25.2470, 28.8818, 33.1810

Square

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



29.1504, 28.8818, 26.9600



25.8361, 28.8818, 26.9153



25.8195, 28.8818, 36.4069



29.1324, 28.8818, 36.4616

Rectangle

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



29.1504, 28.8818, 26.9600



27.2597, 28.8818, 25.2232



25.8195, 28.8818, 36.4069



27.6437, 28.8818, 38.6195

Sweetspot

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



29.1512, 28.8831, 26.9606



59.1262, 61.2154, 63.9994



29.7692, 27.5151, 35.1947



13.1875, 13.6233, 14.1628



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.1512, 28.8831, 26.9606



50.0287, 48.7111, 43.4233



31.3661, 33.3130, 27.6989



7.2111, 7.3605, 7.4207



12.3805, 7.3349, 0.7633



0.2951, 0.2241, 0.0277

Inverse Universe

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



28.4907, 31.5713, 39.2427



48.5969, 54.5294, 70.0200



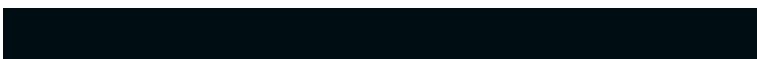
26.2759, 27.1416, 38.5045



7.1254, 7.7098, 9.0157



10.6060, 12.9915, 28.8784



0.2569, 0.3410, 0.6181

Previews

White Background



This preview shows how the XYZ color 29.1504, 28.8818, 26.9600 looks on a white background.

Color Contrast Check

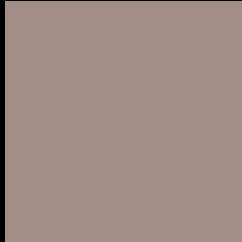
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1504, 28.8818, 26.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

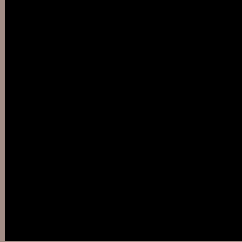
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1504, 28.8818, 26.9600

Background



This preview shows how black text looks on a background with the XYZ color 29.1504, 28.8818, 26.9600.



This preview shows how white text looks on a background with the XYZ color 29.1504, 28.8818,

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

29.1504, 28.8818, 26.9600

Protanopia

27.5567, 28.9432, 27.8011

Deuteranopia

29.4151, 28.7984, 26.9300



Tritanopia

30.4810, 28.9899, 33.2672

Trichromacy



Original Color

29.1504, 28.8818, 26.9600

Protanomaly

28.0869, 28.9969, 27.4092

Deuteranomaly

29.2079, 28.6915, 26.9203

Tritanomaly

29.9456, 28.9866, 30.8047

Monochromacy



Original Color

29.1504, 28.8818, 26.9600

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2202, 29.0063, 30.0980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1504, 28.8818, 26.9600 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(163, 142, 135)` looks like.

```
.text, #text, p{  
    color:rgb(163, 142, 135)  
}
```

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(163, 142, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 142, 135) }
```

Border

The CSS property to change the border of an element to XYZ 29.1504, 28.8818, 26.9600 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(163, 142, 135) }
```


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

```
.border{ border-color:rgb(163, 142, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 142, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 142, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 142, 135);  
box-shadow:4px 4px 4px 4px rgb(163, 142,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1504, 28.8818, 26.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 142, 135) }
```

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

```
.background{ background-color: rgb(163,  
142, 135) }
```

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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