

Converting Colors

XYZ(30.6528, 29.8077, 25.8082)

Have a look what the booklet for
XYZ(30.6528, 29.8077, 25.8082)
contains.

XYZ(30.7819, 29.9688, 25.9920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.7819, 29.9688,
25.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8F84
RGB	171, 143, 132
RGB Percent	67%, 56%, 52%
CMY	0.3294, 0.4392, 0.4823
CMYK	0.00, 0.16, 0.23, 0.33
HSL	17°, 19%, 59%
HSV	17°, 23%, 67%
XYZ	30.7819, 29.9688, 25.9920
YIQ	150.1180, 20.2190, 2.5150

Conversions

Conversions Part 2

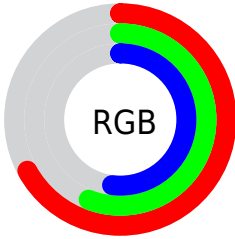
Format	Color
R_{YB}	171, 147, 132
Decimal	11243396
CIE Lab	61.63, 8.76, 9.77
CIE LCh	62, 13.127, 48.115
Yxy	29.9688, 0.3549, 0.3455
Android (android.graphics.Color)	4289433476 (0xFFAB8F84)
YUV	150.1180, -8.9322, 18.3135
Hunter-Lab	54.7438, 4.5673, 10.1701

Details

The XYZ color **30.7819, 29.9688, 25.9920** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.4369, 32.9865, 43.3438**, and the grayscale version is **29.0709, 30.5848, 33.3069**.

A 20% lighter version of the original color is **60.4018, 59.7662, 54.2515**, and **12.9469, 12.3048, 9.8763** is the 20% darker color. If you saturate the color by 10%, you get **27.9634, 26.0534, 19.7448**, and if you desaturate by 10%, it is **33.9955, 34.3671, 33.3179**.

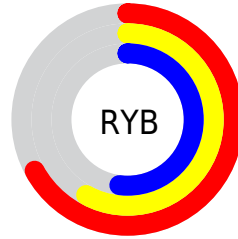
Distribution



Red (67%)

Green (56%)

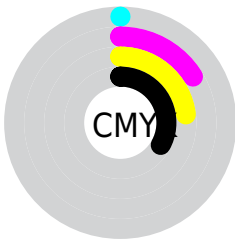
Blue (52%)



Red (67%)

Yellow (58%)

Blue (52%)

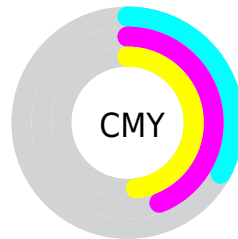


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (33%)



Cyan (33%)


Magenta (44%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7819, 29.9688, 25.9920 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 30.7819, 29.9688, 25.9920 by changing the saturation by 10% instead.


 30.7819, 29.9688,
25.9920


 30.7819, 29.9688,
25.9920


297.3771,
301.7590, 296.3470


 20.5838, 19.8149,
16.5919


 60.2747, 59.6128,
54.2460

 12.9309, 12.2606,
9.7851


 80.3002, 79.8718,
73.9370

 7.4576, 6.9214,
5.1530


 104.3321,
104.2678, 97.8953

 3.7988, 3.4130,
2.2770

132.7360,
133.1854, 126.5397

 1.5889, 1.3510,
0.7183

165.8771,
167.0089, 160.2884

 0.3852, 0.1802,
0.0000

204.1207,

 0.0000, 0.0000,

206.1228, 199.5602

0.0000

247.8323,
250.9113, 244.7736

■ 30.7819, 29.9688,
25.9920

■ 30.7819, 29.9688,
25.9920

■ 27.9634, 26.0534,
19.7448

■ 33.9955, 34.3671,
33.3179

■ 25.5218, 22.6000,
14.5232

■ 37.6167, 39.2598,
41.7686

■ 23.4411, 19.5924,
10.2722

■ 41.6604, 44.6636,
51.3895

■ 21.7028, 17.0117,
6.9309

■ 46.1399, 50.5928,
62.2234

■ 20.2870, 14.8377,
4.4316

■ 51.0680, 57.0612,
74.3104

■ 19.1712, 13.0483,
2.6967

■ 56.4570, 64.0822,
87.6891

■ 18.3298, 11.6190,
1.6342

■ 62.3187, 71.6686,
102.3964

■ 17.8617, 10.7920,
1.1417

■ 66.3615, 78.9117,
106.3416

■ 70.1227, 86.4341,
107.5953

Harmonies

Analogous

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



31.7911, 29.9688, 29.7357



30.7819, 29.9688, 25.9920



29.1805, 29.9688, 24.1082

Triad

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



30.7819, 29.9688, 25.9920



25.3281, 29.9688, 30.6932



29.5396, 29.9688, 42.6337

Complementary

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



30.7819, 29.9688, 25.9920



29.4369, 32.9865, 43.3438

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.



27.7995, 29.9688, 42.9573



30.7819, 29.9688, 25.9920



25.4154, 29.9688, 35.7082

Square

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



30.7819, 29.9688, 25.9920



26.0607, 29.9688, 26.6312



26.3042, 29.9688, 40.3138



31.0540, 29.9688, 39.4702

Rectangle

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



30.7819, 29.9688, 25.9920



28.0138, 29.9688, 24.0186



26.3042, 29.9688, 40.3138



28.9603, 29.9688, 43.0892

Sweetspot

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



30.7827, 29.9702, 25.9926



64.4781, 66.4183, 68.0185



31.4439, 27.7200, 37.2270



14.2960, 14.6996, 14.9748



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.7827, 29.9702, 25.9926



52.6856, 50.2931, 41.0901



33.8624, 36.1296, 27.0192



8.1824, 8.3696, 8.3976



13.5046, 8.2147, 0.8738



0.4225, 0.3221, 0.0399

Inverse Universe

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



29.4369, 32.9865, 43.3438



49.8743, 56.5808, 77.2944



26.4064, 26.9255, 42.3336



8.0425, 8.6843, 10.2051



10.9041, 12.9421, 30.9679



0.3466, 0.4465, 0.8759

Previews

White Background



This preview shows how the XYZ color 30.7819, 29.9688, 25.9920 looks on a white background.

Color Contrast Check

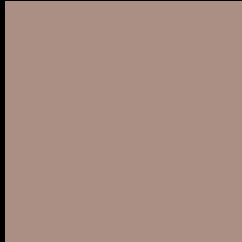
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7819, 29.9688, 25.9920 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 30.7819, 29.9688, 25.9920

Background



This preview shows how black text looks on a background with the XYZ color 30.7819, 29.9688, 25.9920.



This preview shows how white text looks on a background with the XYZ color 30.7819, 29.9688,

25.9920.

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

30.7819, 29.9688, 25.9920

Protanopia

28.6382, 30.2127, 27.2439

Deuteranopia

30.7157, 30.1585, 26.0321



Tritanopia

32.1976, 29.8748, 33.3476

Trichromacy



Original Color

30.7819, 29.9688, 25.9920

Protanomaly

29.4347, 30.1657, 26.8254

Deuteranomaly

30.7157, 30.1585, 26.0321

Tritanomaly

31.5722, 29.8340, 30.4801

Monochromacy



Original Color

30.7819, 29.9688, 25.9920

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.4922, 30.1197, 30.2459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7819, 29.9688, 25.9920 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(171, 143, 132)` looks like.

```
.text, #text, p{  
    color:rgb(171, 143, 132)  
}
```

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(171, 143, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 143, 132) }
```

Border

The CSS property to change the border of an element to XYZ 30.7819, 29.9688, 25.9920 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(171, 143, 132) }
```


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

```
.border{ border-color:rgb(171, 143, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 143, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 143, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 143, 132);  
box-shadow:4px 4px 4px 4px rgb(171, 143,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7819, 29.9688, 25.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 143, 132) }
```

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

```
.background{ background-color: rgb(171,  
143, 132) }
```

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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