

Converting Colors

XYZ(28.9161, 25.9378, 25.8518)

Have a look what the booklet for
XYZ(28.9161, 25.9378, 25.8518)
contains.

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Color

**XYZ(28.7474, 25.7897,
25.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8085
RGB	171, 128, 133
RGB Percent	67%, 50%, 52%
CMY	0.3294, 0.4980, 0.4784
CMYK	0.00, 0.25, 0.22, 0.33
HSL	353°, 20%, 59%
HSV	353°, 25%, 67%
XYZ	28.7474, 25.7897, 25.6531
YIQ	141.4270, 24.0230, 10.6710

Conversions

Conversions Part 2

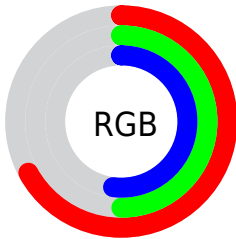
Format	Color
R_{YB}	171, 128, 133
Decimal	11239557
CIE _{Lab}	57.84, 17.36, 3.78
CIE _{LCh}	58, 17.771, 12.279
Yxy	25.7897, 0.3585, 0.3216
Android (android.graphics.Color)	4289429637 (0xFFAB8085)
YUV	141.4270, -4.1545, 25.9355
Hunter-Lab	50.7836, 12.1735, 5.5984

Details

The XYZ color **28.7474, 25.7897, 25.6531** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.3490, 36.4688, 41.5177**, and the grayscale version is **25.4949, 26.8226, 29.2098**.

A 20% lighter version of the original color is **57.0654, 52.9238, 53.6620**, and **11.8674, 10.0836, 9.7084** is the 20% darker color. If you saturate the color by 10%, you get **25.7320, 21.3113, 19.8620**, and if you desaturate by 10%, it is **32.2903, 31.0824, 32.3618**.

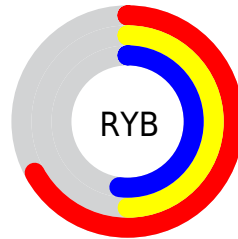
Distribution



Red (67%)

Green (50%)

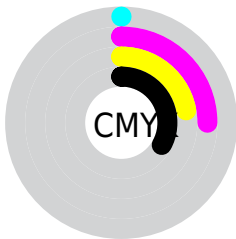
Blue (52%)



Red (67%)

Yellow (50%)

Blue (52%)

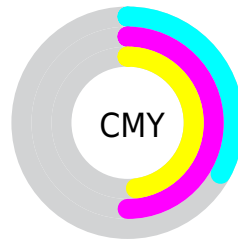


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (33%)



Cyan (33%)


Magenta (50%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7474, 25.7897, 25.6531 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 28.7474, 25.7897, 25.6531 by changing the saturation by 10% instead.

 28.7474, 25.7897,
25.6531


 28.7474, 25.7897,
25.6531


288.0370,
281.7482, 294.6261


 19.0331, 16.6664,
16.3409


 57.0759, 52.9355,
53.6920

 11.7984, 9.9969,
9.6087


 76.4208, 71.7267,
73.2557

 6.6778, 5.3969,
5.0381


 99.7066, 94.5094,
97.0737

 3.3059, 2.4820,
2.2105

127.2987,
121.6679, 125.5644

 1.3175, 0.8676,
0.6804

159.5624,
153.5867, 159.1465

 0.1963, 0.0000,
0.0000

196.8632,

 0.0000, 0.0000,

190.6500, 198.2384

0.0000

239.5662,
233.2424, 243.2588

■ 28.7474, 25.7897,
25.6531

■ 28.7474, 25.7897,
25.6531

■ 25.7320, 21.3113,
19.8620

■ 32.2903, 31.0824,
32.3618

■ 23.2169, 17.6034,
14.9471

■ 36.3822, 37.2231,
40.0241

■ 21.1754, 14.6234,
10.8660


■ 41.0458, 44.2483,
48.6757


■ 19.5776, 12.3234,
7.5722


■ 46.3021, 52.1910,
58.3503


■ 18.3901, 10.6497,
5.0147


■ 52.1708, 61.0825,
69.0799

 17.5748, 9.5401,
3.1362

 58.6708, 70.9530,
80.8949

 17.0851, 8.9184,
1.8707

 65.8203, 81.8308,
93.8248

 16.9198, 8.7080,
1.4450

 70.4285, 87.3275,
106.8284

 70.6047, 87.3980,
107.7560

Harmonies

Analogous

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



28.6353, 25.7897, 31.8142



28.7474, 25.7897, 25.6531



27.6776, 25.7897, 20.8891

Triad

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



28.7474, 25.7897, 25.6531



21.8524, 25.7897, 20.2477



23.2837, 25.7897, 40.8377

Complementary

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



28.7474, 25.7897, 25.6531



30.3490, 36.4688, 41.5177

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.



21.5981, 25.7897, 36.7580



28.7474, 25.7897, 25.6531



20.8054, 25.7897, 24.6512

Square

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



28.7474, 25.7897, 25.6531



23.6494, 25.7897, 18.0861



20.7151, 25.7897, 30.6566



25.3960, 25.7897, 41.2098

Rectangle

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



28.7474, 25.7897, 25.6531



26.4724, 25.7897, 18.9041



20.7151, 25.7897, 30.6566



22.6515, 25.7897, 39.8299

Sweetspot

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



28.7481, 25.7909, 25.6536



62.8560, 63.2044, 67.3842



30.7930, 26.4850, 42.0175



13.7717, 13.7263, 14.5679



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.



28.7481, 25.7909, 25.6536



48.4623, 41.6923, 40.1575



30.7383, 30.3107, 24.6540



8.0417, 8.0299, 8.5304



12.7657, 6.5688, 1.1455



0.3668, 0.1874, 0.0934

Inverse Universe

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



28.7481, 25.7909, 25.6536



48.4623, 41.6923, 40.1575



27.8948, 30.8126, 43.0055



8.0417, 8.0299, 8.5304



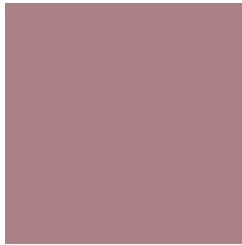
12.7657, 6.5688, 1.1455



0.3668, 0.1874, 0.0934

Previews

White Background



This preview shows how the XYZ color 28.7474, 25.7897, 25.6531 looks on a white background.

Color Contrast Check

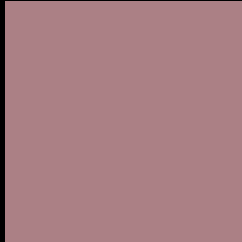
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7474, 25.7897, 25.6531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

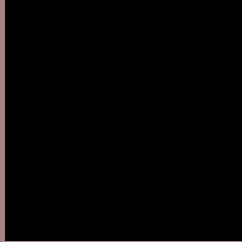
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.7474, 25.7897, 25.6531

Background



This preview shows how black text looks on a background with the XYZ color 28.7474, 25.7897, 25.6531.



This preview shows how white text looks on a background with the XYZ color 28.7474, 25.7897,

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

28.7474, 25.7897, 25.6531

Protanopia

25.0481, 26.0801, 28.1399

Deuteranopia

26.2075, 25.6847, 25.4062



Tritanopia

28.8993, 25.6428, 27.0933

Trichromacy



Original Color

28.7474, 25.7897, 25.6531

Protanomaly

26.3162, 25.9064, 27.2803

Deuteranomaly

27.1141, 25.7455, 25.3701

Tritanomaly

28.8279, 25.6142, 26.7172

Monochromacy



Original Color

28.7474, 25.7897, 25.6531

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.3405, 26.1187, 27.6979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7474, 25.7897, 25.6531 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, 128, 133)` looks like.

```
.text, #text, p{  
    color:rgb(171, 128, 133)  
}
```

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, 128, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 128, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.7474, 25.7897, 25.6531 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, 128, 133) }
```


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

```
.border{ border-color:rgb(171, 128, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 128, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 128, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 128, 133);  
box-shadow:4px 4px 4px 4px rgb(171, 128,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7474, 25.7897, 25.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 128, 133) }
```

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

```
.background{ background-color: rgb(171,  
128, 133) }
```

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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