

Converting Colors

XYZ(28.6419, 25.7833, 25.7157)

Have a look what the booklet for
XYZ(28.6419, 25.7833, 25.7157)
contains.

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Color

**XYZ(28.5304, 25.6778,
25.6429)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8085
RGB	170, 128, 133
RGB Percent	67%, 50%, 52%
CMY	0.3333, 0.4980, 0.4784
CMYK	0.00, 0.25, 0.22, 0.33
HSL	353°, 20%, 58%
HSV	353°, 25%, 67%
XYZ	28.5304, 25.6778, 25.6429
YIQ	141.1280, 23.4270, 10.4590

Conversions

Conversions Part 2

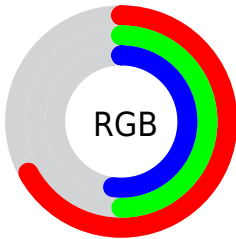
Format	Color
R_{YB}	170, 128, 133
Decimal	11174021
CIE _{Lab}	57.73, 16.98, 3.61
CIE _{LCh}	58, 17.359, 12.008
Yxy	25.6778, 0.3573, 0.3216
Android (android.graphics.Color)	4289364101 (0xFFAA8085)
YUV	141.1280, -4.0071, 25.3207
Hunter-Lab	50.6733, 11.8220, 5.4679

Details

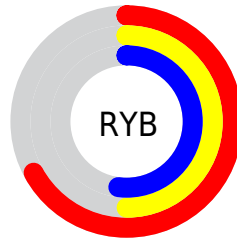
The XYZ color **28.5304, 25.6778, 25.6429** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.0694, 36.0560, 40.9738**, and the grayscale version is **25.3770, 26.6985, 29.0747**.

A 20% lighter version of the original color is **56.7508, 52.7617, 53.6473**, and **11.7323, 10.0140, 9.7020** is the 20% darker color. If you saturate the color by 10%, you get **25.5340, 21.2244, 19.8978**, and if you desaturate by 10%, it is **32.0473, 30.9356, 32.2900**.

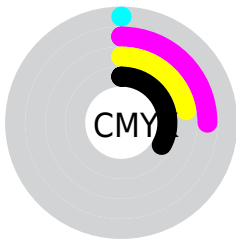
Distribution



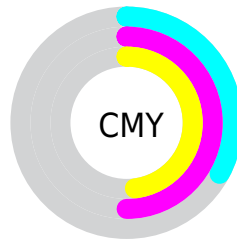
- Red (67%)
- Green (50%)
- Blue (52%)



- 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 28.5304, 25.6778, 25.6429 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 28.5304, 25.6778, 25.6429 by changing the saturation by 10% instead.


 28.5304, 25.6778,
25.6429


 28.5304, 25.6778,
25.6429


287.0271,
281.1968, 294.5742


 18.8684, 16.5828,
16.3333


 56.7329, 52.7547,
53.6753

 11.6786, 9.9375,
9.6034


 76.0040, 71.5053,
73.2352

 6.5959, 5.3575,
5.0347


 99.2089, 94.2433,
97.0489

 3.2547, 2.4585,
2.2085

126.7129,
121.3530, 125.5350

 1.2899, 0.8558,
0.6793

158.8814,
153.2188, 159.1121

 0.1756, 0.0000,
0.0000

196.0797,

 0.0000, 0.0000,

190.2251, 198.1986

0.0000

238.6731,
232.7563, 243.2131

■ 28.5304, 25.6778,
25.6429

■ 28.5304, 25.6778,
25.6429

■ 25.5340, 21.2244,
19.8978

■ 32.0473, 30.9356,
32.2900

■ 23.0313, 17.5324,
15.0144

■ 36.1056, 37.0310,
39.8742

■ 20.9962, 14.5601,
10.9513

■ 40.7278, 43.9997,
48.4304

■ 19.3994, 12.2605,
7.6633

■ 45.9342, 51.8741,
57.9913

■ 18.2084, 10.5808,
5.1009

■ 51.7444, 60.6853,
68.5882

■ 17.3858, 9.4605,
3.2084

■ 58.1768, 70.4626,
80.2509

■ 16.8870, 8.8262,
1.9222

■ 65.2493, 81.2342,
93.0082

■ 16.7060, 8.5974,
1.4515

■ 70.0386, 87.1465,
105.9073

■ 70.3877, 87.2861,
107.7458

Harmonies

Analogous

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



28.4107, 25.6778, 31.6478



28.5304, 25.6778, 25.6429



27.4998, 25.6778, 20.9728

Triad

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



28.5304, 25.6778, 25.6429



21.8262, 25.6778, 20.2826



23.1914, 25.6778, 40.3282

Complementary

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



28.5304, 25.6778, 25.6429



30.0694, 36.0560, 40.9738

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.



21.5533, 25.6778, 36.3457



28.5304, 25.6778, 25.6429



20.7965, 25.6778, 24.5681

Square

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



28.5304, 25.6778, 25.6429



23.5834, 25.6778, 18.1856



20.6995, 25.6778, 30.4100



25.2475, 25.6778, 40.7245

Rectangle

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



28.5304, 25.6778, 25.6429



26.3315, 25.6778, 19.0156



20.6995, 25.6778, 30.4100



22.5767, 25.6778, 39.3408

Sweetspot

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



28.5311, 25.6790, 25.6434



63.6327, 64.3654, 68.8531



30.3682, 26.2769, 41.5019



14.0937, 14.2084, 15.1743



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.



28.5311, 25.6790, 25.6434



48.4788, 41.6989, 40.2446



30.3573, 29.8708, 24.5891



7.5661, 7.5563, 8.0322



12.3006, 6.3289, 1.1285



0.3100, 0.1583, 0.0839

Inverse Universe

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



28.5311, 25.6790, 25.6434



48.4788, 41.6989, 40.2446



27.8136, 30.8022, 42.5100



7.5661, 7.5563, 8.0322



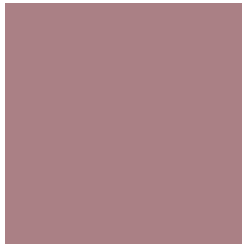
12.3006, 6.3289, 1.1285



0.3100, 0.1583, 0.0839

Previews

White Background



This preview shows how the XYZ color 28.5304, 25.6778, 25.6429 looks on a white background.

Color Contrast Check

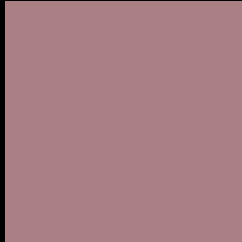
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5304, 25.6778, 25.6429 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 28.5304, 25.6778, 25.6429

Background



This preview shows how black text looks on a background with the XYZ color 28.5304, 25.6778, 25.6429.



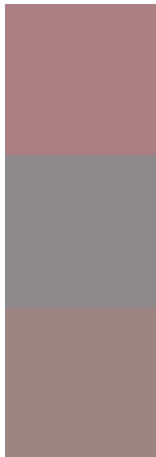
This preview shows how white text looks on a background with the XYZ color 28.5304, 25.6778,

25.6429.

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

28.5304, 25.6778, 25.6429

Protanopia

24.7332, 25.7038, 28.0838

Deuteranopia

26.2075, 25.6847, 25.4062



Tritanopia

28.6823, 25.5309, 27.0832

Trichromacy



Original Color

28.5304, 25.6778, 25.6429

Protanomaly

25.9893, 25.5317, 27.2252

Deuteranomaly

26.9133, 25.6421, 25.3607

Tritanomaly

28.6109, 25.5024, 26.7070

Monochromacy



Original Color

28.5304, 25.6778, 25.6429

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 28.5304, 25.6778, 25.6429 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(170, 128, 133)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 128, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 128, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.5304, 25.6778, 25.6429 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(170, 128, 133) }
```


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

```
.border{ border-color:rgb(170, 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(170, 128, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 128, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 128, 133);  
box-shadow:4px 4px 4px 4px rgb(170, 128,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5304, 25.6778, 25.6429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 128, 133) }
```

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

```
.background{ background-color: rgb(170,  
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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