

Converting Colors

XYZ(27.9921, 25.1438, 25.3517)

Have a look what the booklet for
XYZ(27.9921, 25.1438, 25.3517)
contains.

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Color

**XYZ(28.1164, 25.2797,
25.2274)**

Conversions

Conversions Part 1

Format	Color
Hex	A97F84
RGB	169, 127, 132
RGB Percent	66%, 50%, 52%
CMY	0.3373, 0.5019, 0.4823
CMYK	0.00, 0.25, 0.22, 0.34
HSL	353°, 20%, 58%
HSV	353°, 25%, 66%
XYZ	28.1164, 25.2797, 25.2274
YIQ	140.1280, 23.4270, 10.4590

Conversions

Conversions Part 2

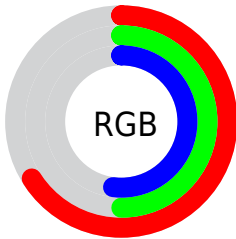
Format	Color
R_{YB}	169, 127, 132
Decimal	11108228
CIE Lab	57.35, 17.00, 3.62
CIE LCh	57, 17.384, 12.025
Yxy	25.2797, 0.3576, 0.3215
Android (android.graphics.Color)	4289298308 (0xFFA97F84)
YUV	140.1280, -4.0071, 25.3207
Hunter-Lab	50.2789, 11.8306, 5.4465

Details

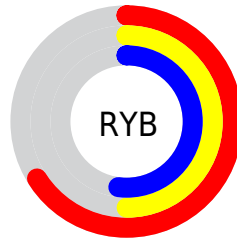
The XYZ color **28.1164, 25.2797, 25.2274** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.6422, 35.5689, 40.4268**, and the grayscale version is **24.9863, 26.2875, 28.6271**.

A 20% lighter version of the original color is **56.1296, 52.1529, 53.0071**, and **11.4882, 9.7863, 9.4671** is the 20% darker color. If you saturate the color by 10%, you get **25.1669, 20.8964, 19.5711**, and if you desaturate by 10%, it is **31.5789, 30.4557, 31.7728**.

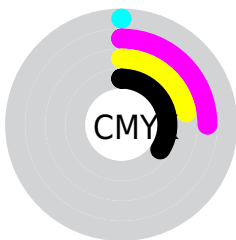
Distribution



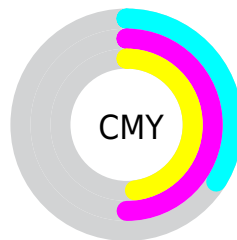
- Red (66%)
- Green (50%)
- Blue (52%)



- Red (66%)
- Yellow (50%)
- Blue (52%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (34%)





- Cyan (34%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1164, 25.2797, 25.2274 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 28.1164, 25.2797, 25.2274 by changing the saturation by 10% instead.


 28.1164, 25.2797,
25.2274


 28.1164, 25.2797,
25.2274


285.0927,
279.2280, 292.4524


 18.5543, 16.2856,
16.0260


 56.0776, 52.1106,
52.9946

 11.4508, 9.7265,
9.3880


 75.2074, 70.7162,
72.3974

 6.4404, 5.2180,
4.8949


 98.2571, 93.2944,
96.0379

 3.1579, 2.3757,
2.1280

125.5922,
120.2295, 124.3344

 1.2378, 0.8134,
0.6324

157.5779,
151.9061, 157.7056

 0.1359, 0.0000,
0.0000

194.5797,

 0.0000, 0.0000,

188.7084, 196.5699

0.0000

236.9628,
231.0209, 241.3460

■ 28.1164, 25.2797,
25.2274

■ 28.1164, 25.2797,
25.2274

■ 25.1669, 20.8964,
19.5711

■ 31.5789, 30.4557,
31.7728

■ 22.7039, 17.2634,
14.7638

■ 35.5749, 36.4572,
39.2417

■ 20.7016, 14.3395,
10.7651


■ 40.1267, 43.3194,
47.6687


■ 19.1313, 12.0784,
7.5301


■ 45.2543, 51.0744,
57.0860


■ 17.9606, 10.4279,
5.0100


■ 50.9770, 59.7526,
67.5244


 17.1529, 9.3284,
3.1500


 57.3131, 69.3831,
79.0134

 16.6637, 8.7068,
1.8869

 64.2800, 79.9935,
91.5813

 16.4895, 8.4859,
1.4357

 69.5530, 86.9273,
104.4746

 70.1722, 87.1750,
107.7357

Harmonies

Analogous

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



27.9983, 25.2797, 31.1790



28.1164, 25.2797, 25.2274



27.0938, 25.2797, 20.6039

Triad

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



28.1164, 25.2797, 25.2274



21.4706, 25.2797, 19.9247



22.8251, 25.2797, 39.7960

Complementary

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



28.1164, 25.2797, 25.2274



29.6422, 35.5689, 40.4268

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.



21.2019, 25.2797, 35.8453



28.1164, 25.2797, 25.2274



20.4512, 25.2797, 24.1688

Square

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



28.1164, 25.2797, 25.2274



23.2112, 25.2797, 17.8488



20.3558, 25.2797, 29.9587



24.8629, 25.2797, 40.1871

Rectangle

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



28.1164, 25.2797, 25.2274



25.9352, 25.2797, 18.6681



20.3558, 25.2797, 29.9587



22.2159, 25.2797, 38.8166

Sweetspot

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



28.1171, 25.2809, 25.2279



61.9978, 62.7135, 67.0869



29.9378, 25.8733, 40.9524



13.4232, 13.5340, 14.4549



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.1171, 25.2809, 25.2279



47.2415, 40.6416, 39.2293



29.9263, 29.4336, 24.1841



7.5661, 7.5563, 8.0322



12.3006, 6.3289, 1.1284



0.3100, 0.1583, 0.0839

Inverse Universe

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



28.1171, 25.2809, 25.2279



47.2415, 40.6416, 39.2293



27.4045, 30.3569, 41.9514



7.5661, 7.5563, 8.0322



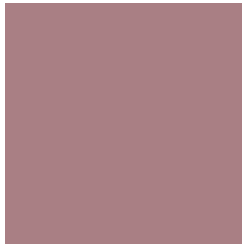
12.3006, 6.3289, 1.1284



0.3100, 0.1583, 0.0839

Previews

White Background



This preview shows how the XYZ color 28.1164, 25.2797, 25.2274 looks on a white background.

Color Contrast Check

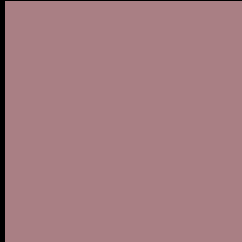
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1164, 25.2797, 25.2274 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 28.1164, 25.2797, 25.2274

Background



This preview shows how black text looks on a background with the XYZ color 28.1164, 25.2797, 25.2274.



This preview shows how white text looks on a background with the XYZ color 28.1164, 25.2797,

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

28.1164, 25.2797, 25.2274

Protanopia

24.3483, 25.3017, 27.6452

Deuteranopia

25.8107, 25.2838, 24.9926



Tritanopia

28.2670, 25.1343, 26.6541

Trichromacy



Original Color

28.1164, 25.2797, 25.2274

Protanomaly

25.5940, 25.1319, 26.7946

Deuteranomaly

26.5111, 25.2422, 24.9477

Tritanomaly

28.1962, 25.1060, 26.2815

Monochromacy



Original Color

28.1164, 25.2797, 25.2274

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.9418, 25.7134, 27.2628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1164, 25.2797, 25.2274 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(169, 127, 132)` looks like.

```
.text, #text, p{  
    color:rgb(169, 127, 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(169, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 127, 132) }
```

Border

The CSS property to change the border of an element to XYZ 28.1164, 25.2797, 25.2274 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(169, 127, 132) }
```


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

```
.border{ border-color:rgb(169, 127, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 127, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 127, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 127, 132);  
box-shadow:4px 4px 4px 4px rgb(169, 127,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1164, 25.2797, 25.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 127, 132) }
```

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

```
.background{ background-color: rgb(169,  
127, 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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