

Converting Colors

XYZ(28.4487, 25.3256, 23.9732)

Have a look what the booklet for
XYZ(28.4487, 25.3256, 23.9732)
contains.

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Color

**XYZ(28.3704, 25.2509,
23.8007)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AC7E80 |
| RGB | 172, 126, 128 |
| RGB Percent | 67%, 49%, 50% |
| CMY | 0.3255, 0.5059, 0.4980 |
| CMYK | 0.00, 0.27, 0.26, 0.33 |
| HSL | 357°, 22%, 58% |
| HSV | 357°, 27%, 67% |
| XYZ | 28.3704, 25.2509, 23.8007 |
| YIQ | 139.9820, 26.7740, 10.3740 |

Conversions

Conversions Part 2

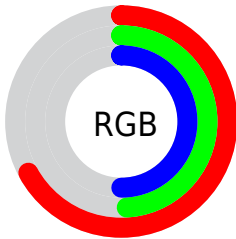
| Format | Color |
|-------------------------------------|--|
| RYB | 172, 126, 128 |
| Decimal | 11304576 |
| CIELab | 57.32, 18.12, 5.93 |
| CIELCh | 57, 19.070, 18.132 |
| Yxy | 25.2509, 0.3664, 0.3261 |
| Android (android.graphics.Color) | 4289494656 (0xFFAC7E80) |
| YUV | 139.9820, -5.9071, 28.0798 |
| Hunter-Lab | 50.2503, 12.8399, 7.0929 |

Details

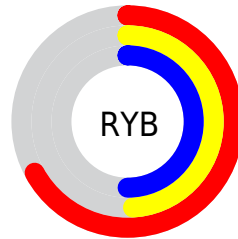
The XYZ color **28.3704, 25.2509, 23.8007** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6135, 36.8435, 43.5301**, and the grayscale version is **24.9358, 26.2344, 28.5693**.

A 20% lighter version of the original color is **56.4555, 52.0704, 50.7911**, and **11.6729, 9.7942, 8.6724** is the 20% darker color. If you saturate the color by 10%, you get **25.3606, 20.8261, 17.8806**, and if you desaturate by 10%, it is **31.9354, 30.5046, 30.7728**.

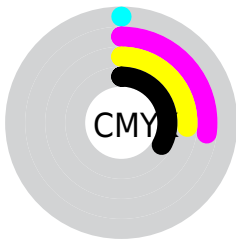
Distribution



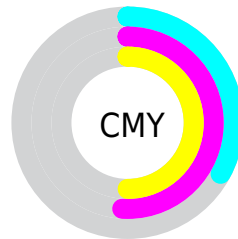
- Red (67%)
- Green (49%)
- Blue (50%)



- Red (67%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3704, 25.2509, 23.8007 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 28.3704, 25.2509, 23.8007 by changing the saturation by 10% instead.


 28.3704, 25.2509,
23.8007


 28.3704, 25.2509,
23.8007


286.2807,
279.0851, 285.0654


 18.7469, 16.2641,
14.9750


 56.4798, 52.0640,
50.6445

 11.5905, 9.7112,
8.6554


 75.6964, 70.6590,
69.4997

 6.5357, 5.2079,
4.4234


 98.8415, 93.2256,
92.5352

 3.2172, 2.3698,
1.8604

126.2803,
120.1481, 120.1695

 1.2696, 0.8103,
0.4673

158.3783,
151.8109, 152.8211

 0.1603, 0.0000,
0.0000

195.5008,

 0.0000, 0.0000,

188.5984, 190.9086

0.0000

238.0131,
230.8950, 234.8505

■ 28.3704, 25.2509,
23.8007

■ 28.3704, 25.2509,
23.8007

■ 25.3606, 20.8261,
17.8806

■ 31.9354, 30.5046,
30.7728

■ 22.8761, 17.1846,
12.9601

■ 36.0793, 36.6227,
38.8429

■ 20.8874, 14.2817,
8.9845

■ 40.8270, 43.6431,
48.0562

■ 19.3612, 12.0670,
5.8931

■ 46.2015, 51.6001,
58.4547

■ 18.2602, 10.4837,
3.6185

■ 52.2243, 60.5265,
70.0784

■ 17.5411, 9.4658,
2.0832

■ 58.9160, 70.4533,
82.9654

■ 17.1457, 8.9210,
1.1932

■ 66.2964, 81.4103,
97.1523

■ 17.0542, 8.7870,
1.0116

■ 70.8233, 87.5107,
107.7662

Harmonies

Analogous

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



28.5080, 25.2509, 30.1332



28.3704, 25.2509, 23.8007



27.0183, 25.2509, 19.2301

Triad

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



28.3704, 25.2509, 23.8007



20.9081, 25.2509, 19.9975



23.1177, 25.2509, 41.5567

Complementary

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



28.3704, 25.2509, 23.8007



30.6135, 36.8435, 43.5301

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.



21.2157, 25.2509, 37.8396



28.3704, 25.2509, 23.8007



19.9946, 25.2509, 25.0135

Square

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



28.3704, 25.2509, 23.8007



22.6734, 25.2509, 17.2834



20.1036, 25.2509, 31.5507



25.3778, 25.2509, 41.0950

Rectangle

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



28.3704, 25.2509, 23.8007



25.6551, 25.2509, 17.4878



20.1036, 25.2509, 31.5507



22.4181, 25.2509, 40.7333

Sweetspot

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



28.3711, 25.2521, 23.8012



64.3342, 64.7860, 68.2914



31.4207, 26.4141, 42.4722



13.7312, 13.7101, 14.3548



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.



28.3711, 25.2521, 23.8012



48.1653, 40.9509, 36.6891



31.1670, 31.0522, 24.0912



8.0188, 8.0208, 8.4099



12.6964, 6.5411, 0.7809



0.3577, 0.1838, 0.0452

Inverse Universe

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



28.3711, 25.2521, 23.8012



48.1653, 40.9509, 36.6891



27.1666, 29.6451, 43.3201



8.0188, 8.0208, 8.4099



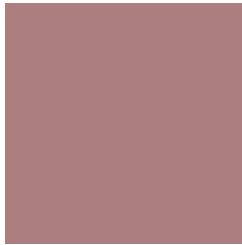
12.6964, 6.5411, 0.7809



0.3577, 0.1838, 0.0452

Previews

White Background



This preview shows how the XYZ color 28.3704, 25.2509, 23.8007 looks on a white background.

Color Contrast Check

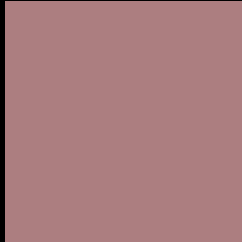
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3704, 25.2509, 23.8007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

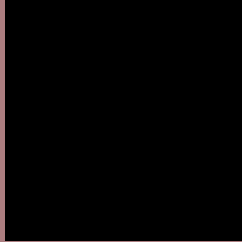
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3704, 25.2509, 23.8007

Background



This preview shows how black text looks on a background with the XYZ color 28.3704, 25.2509, 23.8007.



This preview shows how white text looks on a background with the XYZ color 28.3704, 25.2509,

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

28.3704, 25.2509, 23.8007

Protanopia

24.2332, 25.2753, 26.1556

Deuteranopia

25.7359, 25.2759, 23.6010



Tritanopia

28.9404, 25.3007, 26.2799

Trichromacy



Original Color

28.3704, 25.2509, 23.8007

Protanomaly

25.5013, 25.1164, 25.3337

Deuteranomaly

26.5113, 25.0746, 23.5213

Tritanomaly

28.7321, 25.2174, 25.1829

Monochromacy



Original Color

28.3704, 25.2509, 23.8007

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.0568, 25.7809, 26.8954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3704, 25.2509, 23.8007 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(172, 126, 128)` looks like.

```
.text, #text, p{  
    color:rgb(172, 126, 128)  
}
```

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(172, 126, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 126, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.3704, 25.2509, 23.8007 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(172, 126, 128) }
```


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

```
.border{ border-color:rgb(172, 126, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 126, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 126, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 126, 128);  
box-shadow:4px 4px 4px 4px rgb(172, 126,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3704, 25.2509, 23.8007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 126, 128) }
```

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

```
.background{ background-color: rgb(172,  
126, 128) }
```

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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