

Converting Colors

XYZ(28.2061, 25.7235, 24.2285)

Have a look what the booklet for
XYZ(28.2061, 25.7235, 24.2285)
contains.

XYZ(28.1749, 25.7205, 24.2485)	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(28.1749, 25.7205,
24.2485)**

Conversions

Conversions Part 1

Format	Color
Hex	A98181
RGB	169, 129, 129
RGB Percent	66%, 51%, 51%
CMY	0.3373, 0.4941, 0.4941
CMYK	0.00, 0.24, 0.24, 0.34
HSL	0°, 19%, 58%
HSV	0°, 24%, 66%
XYZ	28.1749, 25.7205, 24.2485
YIQ	140.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

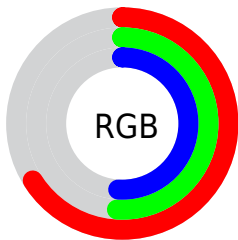
Format	Color
RYB	169, 129, 129
Decimal	11108737
CIELab	57.77, 15.41, 5.96
CIELCh	58, 16.520, 21.157
Yxy	25.7205, 0.3606, 0.3291
Android (android.graphics.Color)	4289298817 (0xFFA98181)
YUV	140.9600, -5.8963, 24.5911
Hunter-Lab	50.7154, 10.4136, 7.1525

Details

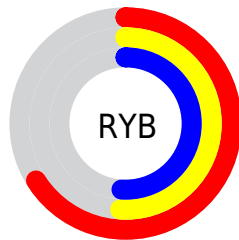
The XYZ color **28.1749, 25.7205, 24.2485** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.4024, 35.9067, 42.8646**, and the grayscale version is **25.3182, 26.6367, 29.0073**.

A 20% lighter version of the original color is **56.2228, 52.8408, 51.4920**, and **11.5191, 10.0295, 8.9182** is the 20% darker color. If you saturate the color by 10%, you get **25.0983, 21.2188, 18.1316**, and if you desaturate by 10%, it is **31.8068, 31.0352, 31.4678**.

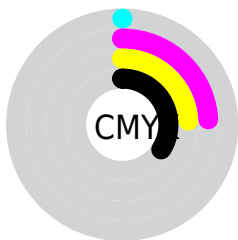
Distribution



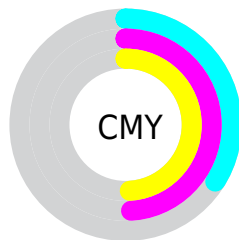
- Red (66%)
- Green (51%)
- Blue (51%)



- Red (66%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (24%)
- Yellow (24%)
- Black (34%)



- Cyan (34%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1749, 25.7205, 24.2485 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 28.1749, 25.7205, 24.2485 by changing the saturation by 10% instead.

■ 28.1749, 25.7205,
24.2485

■ 28.1749, 25.7205,
24.2485

285.3667,
281.4073, 287.4013

■ 18.5987, 16.6147,
15.3042

■ 56.1702, 52.8237,
51.3843

■ 11.4829, 9.9601,
8.8841

■ 75.3201, 71.5898,
70.4129

■ 6.4623, 5.3725,
4.5699

■ 98.3918, 94.3449,
93.6399

■ 3.1715, 2.4675,
1.9429

125.7508,
121.4732, 121.4840

■ 1.2451, 0.8603,
0.5198

157.7625,
153.3592, 154.3636

■ 0.1415, 0.0000,
0.0000

194.7921,

■ 0.0000, 0.0000,

190.3873, 192.6974

0.0000

237.2050,
232.9419, 236.9038

■ 28.1749, 25.7205,
24.2485

■ 28.1749, 25.7205,
24.2485

■ 25.0983, 21.2188,
18.1316

■ 31.8068, 31.0352,
31.4678

■ 22.5478, 17.4867,
13.0613

■ 36.0173, 37.1963,
39.8383

■ 20.4946, 14.4821,
8.9796

■ 40.8309, 44.2399,
49.4077

■ 18.9061, 12.1577,
5.8219

■ 46.2700, 52.1987,
60.2208

■ 17.7462, 10.4603,
3.5163

■ 52.3559, 61.1040,
72.3197

■ 16.9732, 9.3292,
1.9799

■ 59.1089, 70.9854,
85.7449

■ 16.5374, 8.6913,
1.1136

■ 66.5485, 81.8714,
100.5350

■ 16.3624, 8.4353,
0.7658

■ 70.1723, 87.1751,
107.7357

Harmonies

Analogous

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



28.4081, 25.7205, 29.7165



28.1749, 25.7205, 24.2485



26.9150, 25.7205, 20.3369

Triad

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



28.1749, 25.7205, 24.2485



21.5974, 25.7205, 21.7036



23.8655, 25.7205, 40.2307

Complementary

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



28.1749, 25.7205, 24.2485



30.4024, 35.9067, 42.8646

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.



22.1339, 25.7205, 37.3932



28.1749, 25.7205, 24.2485



20.8716, 25.7205, 26.3610

Square

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



28.1749, 25.7205, 24.2485



23.0970, 25.7205, 19.0115



21.0626, 25.7205, 32.1313



25.8477, 25.7205, 39.4643

Rectangle

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



28.1749, 25.7205, 24.2485



25.6979, 25.7205, 18.8953



21.0626, 25.7205, 32.1313



23.2365, 25.7205, 39.6541

Sweetspot

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



28.1756, 25.7217, 24.2490



61.7778, 62.6259, 65.9266



31.3741, 27.0004, 41.0943



13.3718, 13.5136, 14.1842



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.



28.1756, 25.7217, 24.2490



47.6763, 41.9916, 37.8932



31.0724, 31.5152, 25.2146



7.5312, 7.5424, 7.8482



12.1948, 6.2868, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



30.4024, 35.9067, 42.8646



52.3144, 63.2061, 76.6678



26.9625, 29.0269, 41.7180



7.7475, 8.5320, 9.6568



15.9098, 23.2798, 31.6304



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 28.1749, 25.7205, 24.2485 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 28.1749, 25.7205, 24.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

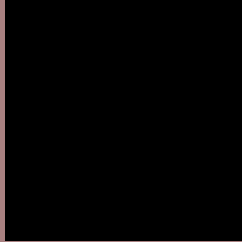
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1749, 25.7205, 24.2485

Background



This preview shows how black text looks on a background with the XYZ color 28.1749, 25.7205, 24.2485.



This preview shows how white text looks on a background with the XYZ color 28.1749, 25.7205,

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

28.1749, 25.7205, 24.2485

Protanopia

24.7192, 25.7378, 26.2193

Deuteranopia

26.3260, 25.7768, 24.0100



Tritanopia

28.8842, 25.8194, 27.5060

Trichromacy



Original Color

28.1749, 25.7205, 24.2485

Protanomaly

25.7777, 25.6693, 25.4258

Deuteranomaly

26.8455, 25.6381, 23.9558

Tritanomaly

28.6699, 25.7337, 26.3777

Monochromacy



Original Color

28.1749, 25.7205, 24.2485

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.2235, 26.2768, 27.3567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1749, 25.7205, 24.2485 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, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(169, 129, 129)  
}
```

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, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 129, 129) }
```

Border

The CSS property to change the border of an element to XYZ 28.1749, 25.7205, 24.2485 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, 129, 129) }
```


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

```
.border{ border-color:rgb(169, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(169, 129,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1749, 25.7205, 24.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 129, 129) }
```

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

```
.background{ background-color: rgb(169,  
129, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor