

Converting Colors

XYZ(28.3157, 28.1233, 24.9525)

Have a look what the booklet for
XYZ(28.3157, 28.1233, 24.9525)
contains.

XYZ(28.3076, 28.0493, 25.0412)	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(28.3076, 28.0493,
25.0412)**

Conversions

Conversions Part 1

Format	Color
Hex	A28C82
RGB	162, 140, 130
RGB Percent	64%, 55%, 51%
CMY	0.3647, 0.4510, 0.4902
CMYK	0.00, 0.14, 0.20, 0.36
HSL	19°, 15%, 57%
HSV	19°, 20%, 64%
XYZ	28.3076, 28.0493, 25.0412
YIQ	145.4380, 16.3220, 1.5540

Conversions

Conversions Part 2

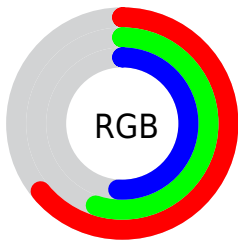
Format	Color
R_{YB}	162, 145, 130
Decimal	10652802
CIE Lab	59.93, 6.61, 8.38
CIE LCh	60, 10.675, 51.756
Yxy	28.0493, 0.3478, 0.3446
Android (android.graphics.Color)	4288842882 (0xFFA28C82)
YUV	145.4380, -7.6109, 14.5249
Hunter-Lab	52.9616, 2.7242, 9.0397

Details

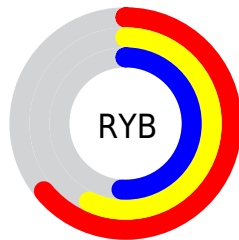
The XYZ color **28.3076, 28.0493, 25.0412** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9554, 29.8100, 38.5156**, and the grayscale version is **27.1179, 28.5302, 31.0694**.

A 20% lighter version of the original color is **56.4543, 56.7542, 52.7789**, and **11.5718, 11.2214, 9.3406** is the 20% darker color. If you saturate the color by 10%, you get **25.7592, 24.5577, 19.2428**, and if you desaturate by 10%, it is **31.1934, 31.9413, 31.7975**.

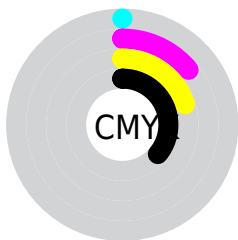
Distribution



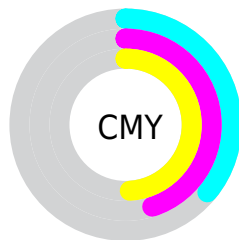
- Red (64%)
- Green (55%)
- Blue (51%)



- Red (64%)
- Yellow (57%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3076, 28.0493, 25.0412 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 28.3076, 28.0493, 25.0412 by changing the saturation by 10% instead.


 28.3076, 28.0493,
25.0412


 28.3076, 28.0493,
25.0412


285.9873,
292.7024, 291.4973


 18.6993, 18.3628,
15.8885

 56.3804, 56.5631,
52.6890

 11.5559, 11.2108,
9.2918


 75.5756, 76.1593,
72.0211

 6.5121, 6.2088,
4.8326


 98.6971, 99.8275,
95.5835

 3.2025, 2.9725,
2.0923

126.1103,
127.9521, 123.7946

 1.2617, 1.1174,
0.6112

158.1806,
160.9175, 157.0730

 0.1543, 0.0000,
0.0000

195.2733,

 0.0000, 0.0000,

199.1080, 195.8372

0.0000

237.7538,
242.9082, 240.5058

■ 28.3076, 28.0493,
25.0412

■ 28.3076, 28.0493,
25.0412

■ 25.7592, 24.5577,
19.2428

■ 31.1934, 31.9413,
31.7975

■ 23.5331, 21.4498,
14.3567

■ 34.4266, 36.2422,
39.5507

■ 21.6164, 18.7131,
10.3364

■ 38.0193, 40.9651,
48.3399

■ 19.9942, 16.3332,
7.1304

■ 41.9825, 46.1213,
58.2015

■ 18.6504, 14.2945,
4.6820

■ 46.3268, 51.7215,
69.1703

■ 17.5671, 12.5802,
2.9266

■ 51.0621, 57.7763,
81.2794

■ 16.7240, 11.1718,
1.7890

■ 56.1981, 64.2958,
94.5604

■ 16.0828, 10.0428,
1.1023

■ 60.9945, 70.9898,
105.0954

■ 16.0686, 10.0180,
1.0868

■ 64.1768, 77.3545,
106.1562

Harmonies

Analogous

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



29.1569, 28.0493, 27.8547



28.3076, 28.0493, 25.0412



27.0358, 28.0493, 23.7279

Triad

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



28.3076, 28.0493, 25.0412



24.1608, 28.0493, 29.4821



27.6386, 28.0493, 38.0184

Complementary

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



28.3076, 28.0493, 25.0412



26.9554, 29.8100, 38.5156

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.



26.2877, 28.0493, 38.5472



28.3076, 28.0493, 25.0412



24.3099, 28.0493, 33.3945

Square

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



28.3076, 28.0493, 25.0412



24.6633, 28.0493, 26.1459



25.0776, 28.0493, 36.7921



28.7617, 28.0493, 35.4028

Rectangle

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



28.3076, 28.0493, 25.0412



26.1321, 28.0493, 23.7951



25.0776, 28.0493, 36.7921



27.1950, 28.0493, 38.4545

Sweetspot

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



28.3084, 28.0506, 25.0418



58.6909, 60.7408, 62.6338



28.5834, 25.9271, 33.3759



13.1026, 13.5367, 13.8784



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.3084, 28.0506, 25.0418



49.1403, 47.8522, 40.2972



30.7511, 32.9361, 25.8560



7.2460, 7.4305, 7.4324



12.6940, 7.9620, 0.8678



0.3072, 0.2483, 0.0317

Inverse Universe

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



26.9554, 29.8100, 38.5156



46.1963, 51.6742, 69.5954



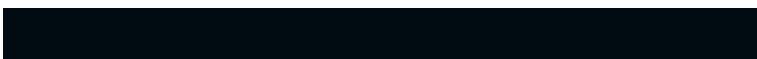
24.5884, 25.0760, 37.7266



7.0884, 7.6359, 9.0033



9.6866, 11.1526, 28.5719



0.2427, 0.3127, 0.6134

Previews

White Background



This preview shows how the XYZ color 28.3076, 28.0493, 25.0412 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 28.3076, 28.0493, 25.0412 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 28.3076, 28.0493, 25.0412

Background



This preview shows how black text looks on a background with the XYZ color 28.3076, 28.0493, 25.0412.



This preview shows how white text looks on a background with the XYZ color 28.3076, 28.0493,

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

28.3076, 28.0493, 25.0412

Protanopia

26.7158, 28.0965, 25.8449

Deuteranopia

28.5717, 27.9695, 25.0118



Tritanopia

29.6008, 27.9220, 31.8463

Trichromacy



Original Color

28.3076, 28.0493, 25.0412

Protanomaly

27.2456, 28.1536, 25.4709

Deuteranomaly

28.3661, 27.8635, 25.0022

Tritanomaly

29.0005, 27.8866, 29.0535

Monochromacy



Original Color

28.3076, 28.0493, 25.0412

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3186, 28.1177, 28.7984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3076, 28.0493, 25.0412 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(162, 140, 130)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 130)  
}
```

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(162, 140, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 130) }
```

Border

The CSS property to change the border of an element to XYZ 28.3076, 28.0493, 25.0412 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(162, 140, 130) }
```


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

```
.border{ border-color:rgb(162, 140, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 130);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3076, 28.0493, 25.0412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 130) }
```

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

```
.background{ background-color: rgb(162,  
140, 130) }
```

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