

Converting Colors

XYZ(28.8649, 28.6060, 24.4522)

Have a look what the booklet for
XYZ(28.8649, 28.6060, 24.4522)
contains.

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Color

**XYZ(28.9382, 28.6076,
24.4187)**

Conversions

Conversions Part 1

Format	Color
Hex	A58D80
RGB	165, 141, 128
RGB Percent	65%, 55%, 50%
CMY	0.3529, 0.4470, 0.4980
CMYK	0.00, 0.15, 0.22, 0.35
HSL	21°, 17%, 57%
HSV	21°, 22%, 65%
XYZ	28.9382, 28.6076, 24.4187
YIQ	146.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

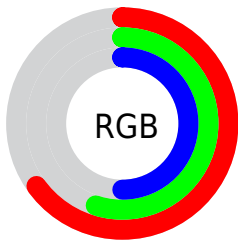
Format	Color
R _Y B	165, 148, 128
Decimal	10849664
CIE Lab	60.43, 6.91, 10.27
CIE LCh	60, 12.380, 56.060
Yxy	28.6076, 0.3531, 0.3490
Android (android.graphics.Color)	4289039744 (0xFFA58D80)
YUV	146.6940, -9.2161, 16.0544
Hunter-Lab	53.4861, 2.9753, 10.3718

Details

The XYZ color **28.9382, 28.6076, 24.4187** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9216, 29.7615, 39.9231**, and the grayscale version is **27.6389, 29.0783, 31.6663**.

A 20% lighter version of the original color is **57.3708, 57.5821, 51.8067**, and **11.9624, 11.5574, 8.9974** is the 20% darker color. If you saturate the color by 10%, you get **26.4370, 25.2041, 18.6555**, and if you desaturate by 10%, it is **31.7700, 32.3893, 31.1641**.

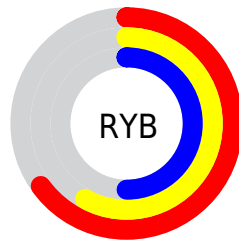
Distribution



Red (65%)

Green (55%)

Blue (50%)



Red (65%)

Yellow (58%)

Blue (50%)

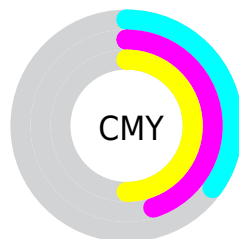


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9382, 28.6076, 24.4187 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 28.9382, 28.6076, 24.4187 by changing the saturation by 10% instead.

■ 28.9382, 28.6076,
24.4187

■ 28.9382, 28.6076,
24.4187

288.9227,
295.3590, 288.2849

■ 19.1781, 18.7842,
15.4294

■ 57.3771, 57.4531,
51.6650

■ 11.9038, 11.5144,
8.9714

■ 76.7867, 77.2439,
70.7591

■ 6.7500, 6.4140,
4.6260

■ 100.1434,
101.1260, 94.0585

■ 3.3512, 3.0984,
1.9746

127.8128,
129.4837, 121.9818

■ 1.3421, 1.1833,
0.5396

160.1600,
162.7014, 154.9476

■ 0.2144, 0.0480,
0.0000

197.5505,

■ 0.0000, 0.0000,

201.1637, 193.3744

0.0000

240.3496,
245.2547, 237.6806

■ 28.9382, 28.6076,
24.4187

■ 28.9382, 28.6076,
24.4187

■ 26.4370, 25.2041,
18.6555

■ 31.7700, 32.3893,
31.1641

■ 24.2514, 22.1629,
13.8264

■ 34.9423, 36.5568,
38.9333

■ 22.3683, 19.4727,
9.8819

■ 38.4673, 41.1223,
47.7674

■ 20.7730, 17.1199,
6.7672

■ 42.3557, 46.0962,
57.7048

■ 19.4491, 15.0900,
4.4211

■ 46.6181, 51.4887,
68.7820

■ 18.3786, 13.3674,
2.7740

■ 51.2644, 57.3094,
81.0339

■ 17.5404, 11.9348,
1.7433

■ 56.3042, 63.5678,
94.4938

■ 17.0296, 11.0243,
1.2303

■ 60.9308, 69.9467,
104.8974

■ 63.9427, 75.9705,
105.9014

Harmonies

Analogous

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



30.0383, 28.6076, 27.4492



28.9382, 28.6076, 24.4187



27.4018, 28.6076, 23.1861

Triad

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



28.9382, 28.6076, 24.4187



24.2459, 28.6076, 30.5496



28.5596, 28.6076, 39.7192

Complementary

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



28.9382, 28.6076, 24.4187



26.9216, 29.7615, 39.9231

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.



26.9806, 28.6076, 40.7531



28.9382, 28.6076, 24.4187



24.5290, 28.6076, 35.1668

Square

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



28.9382, 28.6076, 24.4187



24.7261, 28.6076, 26.5001



25.5149, 28.6076, 39.0142



29.8138, 28.6076, 36.3116

Rectangle

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



28.9382, 28.6076, 24.4187



26.3514, 28.6076, 23.4515



25.5149, 28.6076, 39.0142



28.0475, 28.6076, 40.3693

Sweetspot

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



28.9390, 28.6089, 24.4193



59.8288, 61.8715, 62.9474



28.9081, 25.7067, 33.1658



13.0118, 13.4371, 13.5952



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.



28.9390, 28.6089, 24.4193



49.4830, 48.0614, 38.2840



31.8892, 34.5094, 25.4027



7.2679, 7.4742, 7.4397



12.9262, 8.4264, 0.9452



0.3147, 0.2633, 0.0342

Inverse Universe

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



26.9216, 29.7615, 39.9231



45.2083, 50.4976, 71.1166



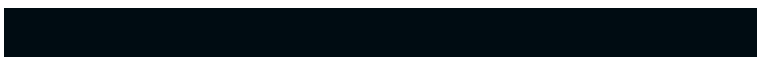
24.1570, 24.2323, 39.0015



7.0656, 7.5903, 8.9957



9.1644, 10.1083, 28.3979



0.2344, 0.2960, 0.6106

Previews

White Background



This preview shows how the XYZ color 28.9382, 28.6076, 24.4187 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 28.9382, 28.6076, 24.4187 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 28.9382, 28.6076, 24.4187

Background



This preview shows how black text looks on a background with the XYZ color 28.9382, 28.6076, 24.4187.



This preview shows how white text looks on a background with the XYZ color 28.9382, 28.6076,

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

28.9382, 28.6076, 24.4187

Protanopia

27.1036, 28.5379, 25.1989

Deuteranopia

29.0003, 28.4217, 24.3795



Tritanopia

30.4496, 28.5624, 32.3420

Trichromacy



Original Color

28.9382, 28.6076, 24.4187

Protanomaly

27.8403, 28.6996, 24.8411

Deuteranomaly

29.0003, 28.4217, 24.3795

Tritanomaly

29.7662, 28.4953, 29.1306

Monochromacy



Original Color

28.9382, 28.6076, 24.4187

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1854, 29.0143, 28.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9382, 28.6076, 24.4187 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(165, 141, 128)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 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(165, 141, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 128) }
```

Border

The CSS property to change the border of an element to XYZ 28.9382, 28.6076, 24.4187 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(165, 141, 128) }
```


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

```
.border{ border-color:rgb(165, 141, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 141, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 141, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 141, 128); box-shadow:4px 4px 4px 4px rgb(165, 141, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9382, 28.6076, 24.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 128) }
```

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

```
.background{ background-color: rgb(165,  
141, 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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