

Converting Colors

XYZ(28.8387, 28.4284, 27.3896)

Have a look what the booklet for
XYZ(28.8387, 28.4284, 27.3896)
contains.

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Color

**XYZ(28.8691, 28.5087,
27.2737)**

Conversions

Conversions Part 1

Format	Color
Hex	A28D88
RGB	162, 141, 136
RGB Percent	64%, 55%, 53%
CMY	0.3647, 0.4470, 0.4667
CMYK	0.00, 0.13, 0.16, 0.36
HSL	12°, 12%, 58%
HSV	12°, 16%, 64%
XYZ	28.8691, 28.5087, 27.2737
YIQ	146.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

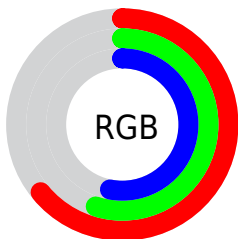
Format	Color
R_{YB}	162, 142, 136
Decimal	10653064
CIE _{Lab}	60.35, 7.02, 5.56
CIE _{LCh}	60, 8.956, 38.346
Yxy	28.5087, 0.3410, 0.3368
Android (android.graphics.Color)	4288843144 (0xFFA28D88)
YUV	146.7090, -5.2795, 13.4102
Hunter-Lab	53.3935, 3.0736, 7.0898

Details

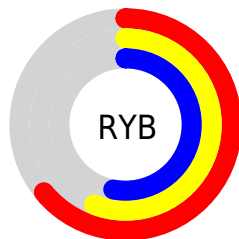
The XYZ color **28.8691, 28.5087, 27.2737** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.7317, 31.9561, 38.8365**, and the grayscale version is **27.6307, 29.0696, 31.6568**.

A 20% lighter version of the original color is **57.3157, 57.4561, 56.2134**, and **11.8512, 11.4691, 10.3932** is the 20% darker color. If you saturate the color by 10%, you get **25.9874, 24.4505, 21.0558**, and if you desaturate by 10%, it is **32.1543, 33.0949, 34.4854**.

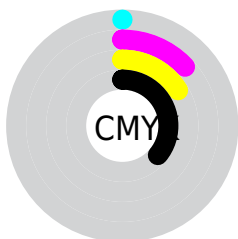
Distribution



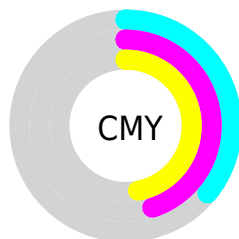
- Red (64%)
- Green (55%)
- Blue (53%)



- Red (64%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8691, 28.5087, 27.2737 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 28.8691, 28.5087, 27.2737 by changing the saturation by 10% instead.

■ 28.8691, 28.5087,
27.2737

■ 28.8691, 28.5087,
27.2737

288.6022,
294.8898, 302.7819

■ 19.1256, 18.7095,
17.5446

■ 57.2680, 57.2956,
56.3318

■ 11.8656, 11.4605,
10.4575

■ 76.6542, 77.0520,
76.4980

■ 6.7238, 6.3775,
5.5938

■ 99.9853, 100.8964,
100.9802

■ 3.3347, 3.0760,
2.5349

127.6267,
129.2129, 130.1971

■ 1.3332, 1.1715,
0.8586

159.9437,
162.3862, 164.5672

■ 0.2078, 0.0383,
0.0000

197.3017,

■ 0.0000, 0.0000,

200.8005, 204.5090

0.0000

240.0661,
244.8402, 250.4410

■ 28.8691, 28.5087,
27.2737

■ 28.8691, 28.5087,
27.2737

■ 25.9874, 24.4505,
21.0558

■ 32.1543, 33.0949,
34.4854

■ 23.4912, 20.8975,
15.7862

■ 35.8555, 38.2232,
42.7300

■ 21.3645, 17.8309,
11.4186

■ 39.9875, 43.9119,
52.0468

■ 19.5894, 15.2294,
7.9022

■ 44.5638, 50.1774,
62.4723

■ 18.1463, 13.0699,
5.1808

■ 49.5970, 57.0353,
74.0414

■ 17.0137, 11.3273,
3.1919

■ 55.0995, 64.5008,
86.7875

■ 16.1672, 9.9740,
1.8629

■ 61.0831, 72.5882,
100.7427

■ 15.5768, 8.9780,
1.0957

■ 65.8047, 80.6100,
106.6988

■ 15.3949, 8.6705,
0.8622

■ 68.7104, 86.4214,
107.6673

Harmonies

Analogous

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



29.3451, 28.5087, 30.1305



28.8691, 28.5087, 27.2737



27.9213, 28.5087, 25.5167

Triad

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



28.8691, 28.5087, 27.2737



25.0920, 28.5087, 28.7613



27.4191, 28.5087, 37.7417

Complementary

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



28.8691, 28.5087, 27.2737



28.7317, 31.9561, 38.8365

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.



26.2885, 28.5087, 37.3104



28.8691, 28.5087, 27.2737



24.9661, 28.5087, 31.9700

Square

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



28.8691, 28.5087, 27.2737



25.7471, 28.5087, 26.3323



25.3983, 28.5087, 35.1404



28.4926, 28.5087, 36.2803

Rectangle

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



28.8691, 28.5087, 27.2737



27.1606, 28.5087, 25.1286



25.3983, 28.5087, 35.1404



27.0329, 28.5087, 37.8152

Sweetspot

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



28.8699, 28.5100, 27.2743



58.9816, 60.9262, 63.9513



29.8105, 27.7324, 35.7848



13.1510, 13.5504, 14.1507



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.



28.8699, 28.5100, 27.2743



50.5981, 49.2123, 45.5787



30.8617, 32.4935, 27.9382



7.1790, 7.2964, 7.4101



12.1533, 6.8806, 0.6875



0.2839, 0.2017, 0.0240

Inverse Universe

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



28.7317, 31.9561, 38.8365



50.3013, 56.5867, 70.3273



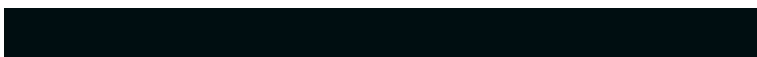
26.6839, 27.8605, 38.1539



7.1598, 7.7785, 9.0271



11.5436, 14.8667, 29.1909



0.2706, 0.3685, 0.6227

Previews

White Background



This preview shows how the XYZ color 28.8691, 28.5087, 27.2737 looks on a white background.

Color Contrast Check

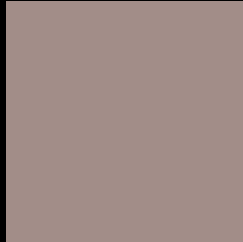
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8691, 28.5087, 27.2737 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

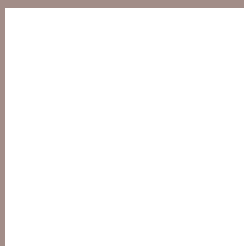
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8691, 28.5087, 27.2737

Background



This preview shows how black text looks on a background with the XYZ color 28.8691, 28.5087, 27.2737.



This preview shows how white text looks on a background with the XYZ color 28.8691, 28.5087,

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

28.8691, 28.5087, 27.2737

Protanopia

27.2905, 28.5698, 28.1209

Deuteranopia

29.0731, 28.6139, 27.2833



Tritanopia

30.0475, 28.5598, 32.7831

Trichromacy



Original Color

28.8691, 28.5087, 27.2737

Protanomaly

27.8150, 28.6227, 27.7256

Deuteranomaly

29.0731, 28.6139, 27.2833

Tritanomaly

29.5932, 28.5870, 30.7462

Monochromacy



Original Color

28.8691, 28.5087, 27.2737

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0322, 28.9094, 30.0892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8691, 28.5087, 27.2737 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, 141, 136)` looks like.

```
.text, #text, p{  
    color:rgb(162, 141, 136)  
}
```

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, 141, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 141, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.8691, 28.5087, 27.2737 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, 141, 136) }
```


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

```
.border{ border-color:rgb(162, 141, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 141, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 141, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 141, 136);  
box-shadow:4px 4px 4px 4px rgb(162, 141,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8691, 28.5087, 27.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 141, 136) }
```

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

```
.background{ background-color: rgb(162,  
141, 136) }
```

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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