

Converting Colors

XYZ(28.8250, 26.8139, 25.8311)

Have a look what the booklet for
XYZ(28.8250, 26.8139, 25.8311)
contains.

XYZ(28.7696, 26.7933, 25.8456)	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(28.7696, 26.7933,
25.8456)**

Conversions

Conversions Part 1

Format	Color
Hex	A88585
RGB	168, 133, 133
RGB Percent	66%, 52%, 52%
CMY	0.3412, 0.4784, 0.4784
CMYK	0.00, 0.21, 0.21, 0.34
HSL	0°, 17%, 59%
HSV	0°, 21%, 66%
XYZ	28.7696, 26.7933, 25.8456
YIQ	143.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

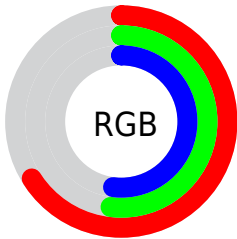
Format	Color
R_{YB}	168, 133, 133
Decimal	11044229
CIE _{Lab}	58.78, 13.37, 5.10
CIE _{LCh}	59, 14.315, 20.879
Yxy	26.7933, 0.3534, 0.3291
Android (android.graphics.Color)	4289234309 (0xFFA88585)
YUV	143.4650, -5.1592, 21.5172
Hunter-Lab	51.7622, 8.6269, 6.6293

Details

The XYZ color **28.7696, 26.7933, 25.8456** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.7431, 35.8181, 42.3393**, and the grayscale version is **26.3091, 27.6792, 30.1427**.

A 20% lighter version of the original color is **57.1623, 54.5103, 53.9631**, and **11.7637, 10.4714, 9.7887** is the 20% darker color. If you saturate the color by 10%, you get **25.5817, 22.1287, 19.5073**, and if you desaturate by 10%, it is **32.5124, 32.2702, 33.2854**.

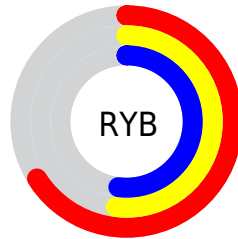
Distribution



Red (66%)

Green (52%)

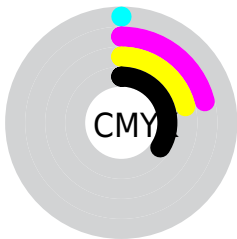
Blue (52%)



Red (66%)

Yellow (52%)

Blue (52%)

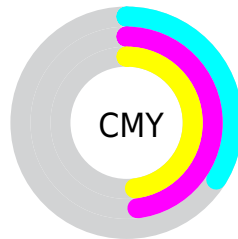


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (34%)



Cyan (34%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7696, 26.7933, 25.8456 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 28.7696, 26.7933, 25.8456 by changing the saturation by 10% instead.

■ 28.7696, 26.7933,
25.8456

■ 28.7696, 26.7933,
25.8456

288.1402,
286.6549, 295.6046

■ 19.0500, 17.4180,
16.4834

■ 57.1109, 54.5520,
54.0068

■ 11.8106, 10.5330,
9.7088

■ 76.4634, 73.7042,
73.6429

■ 6.6861, 5.7538,
5.1033

■ 99.7574, 96.8843,
97.5407

■ 3.3112, 2.6959,
2.2482

127.3585,
124.4765, 126.1188

■ 1.3204, 0.9751,
0.7020

159.6320,
156.8652, 159.7957

■ 0.1984, 0.0000,
0.0000

196.9432,

■ 0.0000, 0.0000,

194.4350, 198.9899

0.0000

239.6575,
237.5701, 244.1201

■ 28.7696, 26.7933,
25.8456

■ 28.7696, 26.7933,
25.8456

■ 25.5817, 22.1287,
19.5073

■ 32.5124, 32.2702,
33.2854

■ 22.9204, 18.2344,
14.2167

■ 36.8325, 38.5917,
41.8738

■ 20.7579, 15.0700,
9.9178

■ 41.7537, 45.7926,
51.6572

■ 19.0632, 12.5901,
6.5489

■ 47.2977, 53.9049,
62.6788

■ 17.8017, 10.7442,
4.0414

■ 53.4852, 62.9588,
74.9798

■ 16.9343, 9.4748,
2.3171

■ 60.3359, 72.9833,
88.5994

■ 16.4144, 8.7140,
1.2839

■ 67.8689, 84.0058,
103.5753

■ 16.1487, 8.3252,
0.7558

■ 69.9585, 87.0649,
107.7257

Harmonies

Analogous

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



28.9652, 26.7933, 30.7410



28.7696, 26.7933, 25.8456



27.6675, 26.7933, 22.2656

Triad

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



28.7696, 26.7933, 25.8456



22.9237, 26.7933, 23.4619



24.9322, 26.7933, 39.8573

Complementary

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



28.7696, 26.7933, 25.8456



30.7431, 35.8181, 42.3393

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.



23.3849, 26.7933, 37.3797



28.7696, 26.7933, 25.8456



22.2611, 26.7933, 27.6600

Square

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



28.7696, 26.7933, 25.8456



24.2761, 26.7933, 21.0038



22.4259, 26.7933, 32.7751



26.6946, 26.7933, 39.2264

Rectangle

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



28.7696, 26.7933, 25.8456



26.5938, 26.7933, 20.9221



22.4259, 26.7933, 32.7751



24.3709, 26.7933, 39.3507

Sweetspot

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



28.7703, 26.7945, 25.8462



62.5674, 63.7813, 67.4964



31.6041, 27.9274, 40.7708



13.5329, 13.7493, 14.5044



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.



28.7703, 26.7945, 25.8462



49.4091, 44.5271, 41.3377



31.3687, 31.9912, 26.7123



7.5312, 7.5424, 7.8482



12.1948, 6.2869, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



30.7431, 35.8181, 42.3393



53.6424, 63.8907, 76.7300



27.7274, 29.7866, 41.3340



7.7475, 8.5320, 9.6568



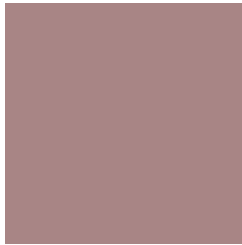
15.9096, 23.2794, 31.6303



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 28.7696, 26.7933, 25.8456 looks on a white background.

Color Contrast Check

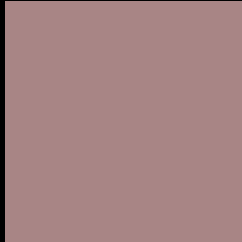
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7696, 26.7933, 25.8456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

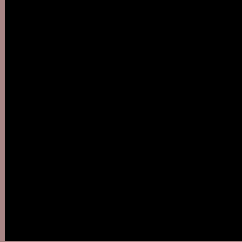
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.7696, 26.7933, 25.8456

Background



This preview shows how black text looks on a background with the XYZ color 28.7696, 26.7933, 25.8456.



This preview shows how white text looks on a background with the XYZ color 28.7696, 26.7933,

25.8456.

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

28.7696, 26.7933, 25.8456

Protanopia

25.7173, 26.8756, 27.4990

Deuteranopia

27.4086, 26.9282, 25.5829



Tritanopia

29.4959, 26.8905, 29.2270

Trichromacy



Original Color

28.7696, 26.7933, 25.8456

Protanomaly

26.6693, 26.7268, 27.0457

Deuteranomaly

27.8693, 26.9556, 25.5639

Tritanomaly

29.2737, 26.8016, 28.0564

Monochromacy



Original Color

28.7696, 26.7933, 25.8456

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8417, 27.0047, 28.2238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7696, 26.7933, 25.8456 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(168, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(168, 133, 133)  
}
```

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(168, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.7696, 26.7933, 25.8456 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(168, 133, 133) }
```


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

```
.border{ border-color:rgb(168, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(168, 133,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7696, 26.7933, 25.8456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 133, 133) }
```

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

```
.background{ background-color: rgb(168,  
133, 133) }
```

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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