

Converting Colors

XYZ(27.1668, 25.8600, 23.1848)

Have a look what the booklet for
XYZ(27.1668, 25.8600, 23.1848)
contains.

XYZ(27.1214, 25.7954, 23.2882)	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(27.1214, 25.7954,
23.2882)**

Conversions

Conversions Part 1

Format	Color
Hex	A3847E
RGB	163, 132, 126
RGB Percent	64%, 52%, 49%
CMY	0.3608, 0.4823, 0.5059
CMYK	0.00, 0.19, 0.23, 0.36
HSL	10°, 17%, 57%
HSV	10°, 23%, 64%
XYZ	27.1214, 25.7954, 23.2882
YIQ	140.5850, 20.4020, 4.7060

Conversions

Conversions Part 2

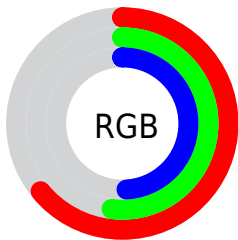
Format	Color
R_{YB}	163, 133, 126
Decimal	10716286
CIE _{Lab}	57.84, 10.89, 7.71
CIE _{LCh}	58, 13.342, 35.290
Yxy	25.7954, 0.3559, 0.3385
Android (android.graphics.Color)	4288906366 (0xFFA3847E)
YUV	140.5850, -7.1904, 19.6580
Hunter-Lab	50.7892, 6.4379, 8.3664

Details

The XYZ color **27.1214, 25.7954, 23.2882** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.2717, 31.1930, 39.2340**, and the grayscale version is **25.1772, 26.4884, 28.8459**.

A 20% lighter version of the original color is **54.3991, 52.8580, 49.9833**, and **10.9124, 9.9499, 8.3666** is the 20% darker color. If you saturate the color by 10%, you get **24.4221, 21.9450, 17.6152**, and if you desaturate by 10%, it is **30.2359, 30.2015, 29.9457**.

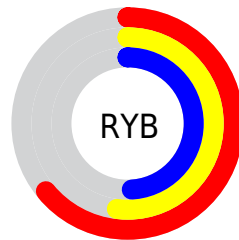
Distribution



Red (64%)

Green (52%)

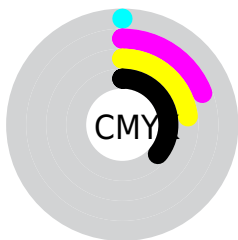
Blue (49%)



Red (64%)

Yellow (52%)

Blue (49%)

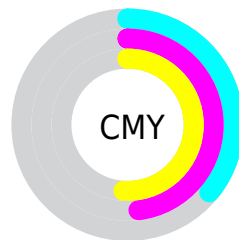


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1214, 25.7954, 23.2882 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 27.1214, 25.7954, 23.2882 by changing the saturation by 10% instead.

■ 27.1214, 25.7954,
23.2882

■ 27.1214, 25.7954,
23.2882

280.4013,
281.7763, 282.3716

■ 17.8015, 16.6706,
14.5992

■ 54.4971, 52.9447,
49.7953

■ 10.9064, 9.9999,
8.3951

■ 73.2836, 71.7380,
68.4504

■ 6.0707, 5.3989,
4.2574

■ 95.9564, 94.5230,
91.2647

■ 2.9292, 2.4832,
1.7676

122.8808,
121.6840, 118.6566

■ 1.1164, 0.8682,
0.4064

154.4221,
153.6054, 151.0447

■ 0.0388, 0.0000,
0.0000

190.9457,

■ 0.0000, 0.0000,

190.6717, 188.8475

0.0000

232.8170,
233.2672, 232.4836

■ 27.1214, 25.7954,
23.2882

■ 27.1214, 25.7954,
23.2882

■ 24.4221, 21.9450,
17.6152

■ 30.2359, 30.2015,
29.9457

■ 22.1183, 18.6248,
12.8784

■ 33.7801, 35.1806,
37.6298

■ 20.1918, 15.8125,
9.0278

■ 37.7703, 40.7535,
46.3820

■ 18.6220, 13.4828,
6.0078

■ 42.2214, 46.9390,
56.2411

■ 17.3865, 11.6083,
3.7568

■ 47.1476, 53.7549,
67.2440

■ 16.4600, 10.1587,
2.2045

■ 52.5624, 61.2185,
79.4257

■ 15.8136, 9.1000,
1.2677

■ 58.4787, 69.3462,
92.8199

■ 15.4837, 8.5453,
0.8333

■ 64.6828, 78.0635,
106.2664

■ 68.8832, 86.4643,
107.6665

Harmonies

Analogous

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



27.7177, 25.7954, 27.2805



27.1214, 25.7954, 23.2882



25.8293, 25.7954, 20.8048

Triad

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



27.1214, 25.7954, 23.2882



21.8222, 25.7954, 24.5551



24.8031, 25.7954, 37.8284

Complementary

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



27.1214, 25.7954, 23.2882



27.2717, 31.1930, 39.2340

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.



23.2514, 25.7954, 36.8961



27.1214, 25.7954, 23.2882



21.5741, 25.7954, 28.9088

Square

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



27.1214, 25.7954, 23.2882



22.7793, 25.7954, 21.4785



22.0863, 25.7954, 33.5031



26.3424, 25.7954, 35.9281

Rectangle

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



27.1214, 25.7954, 23.2882



24.7718, 25.7954, 20.1738



22.0863, 25.7954, 33.5031



24.2655, 25.7954, 37.8379

Sweetspot

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



27.1221, 25.7966, 23.2887



57.5880, 58.9253, 61.0625



28.6896, 25.1583, 35.4442



12.8550, 13.1233, 13.5429



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.



27.1221, 25.7966, 23.2887



46.1609, 42.7659, 36.6143



29.7847, 31.1218, 24.1763



7.1623, 7.2630, 7.4045



12.0569, 6.6878, 0.6554



0.2781, 0.1900, 0.0220

Inverse Universe

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



27.2717, 31.1930, 39.2340



46.4716, 54.0742, 70.0442



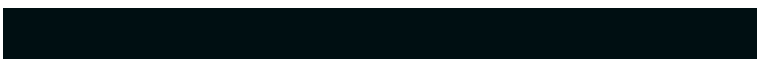
24.4407, 25.5310, 38.2903



7.1778, 7.8147, 9.0331



12.0688, 15.9171, 29.3660



0.2781, 0.3835, 0.6252

Previews

White Background



This preview shows how the XYZ color 27.1214, 25.7954, 23.2882 looks on a white background.

Color Contrast Check

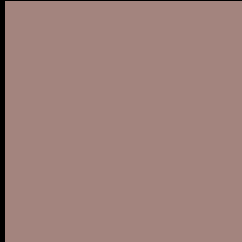
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1214, 25.7954, 23.2882 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 27.1214, 25.7954, 23.2882

Background



This preview shows how black text looks on a background with the XYZ color 27.1214, 25.7954, 23.2882.



This preview shows how white text looks on a background with the XYZ color 27.1214, 25.7954,

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

27.1214, 25.7954, 23.2882

Protanopia

24.7635, 26.0062, 24.8336

Deuteranopia

26.3915, 25.8257, 23.3325



Tritanopia

28.2333, 25.8580, 28.3140

Trichromacy



Original Color

27.1214, 25.7954, 23.2882

Protanomaly

25.5291, 25.7726, 24.3980

Deuteranomaly

26.6506, 25.7550, 23.3052

Tritanomaly

27.7993, 25.8744, 26.4507

Monochromacy



Original Color

27.1214, 25.7954, 23.2882

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.9268, 26.3441, 27.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1214, 25.7954, 23.2882 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(163, 132, 126)` looks like.

```
.text, #text, p{  
    color:rgb(163, 132, 126)  
}
```

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(163, 132, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 132, 126) }
```

Border

The CSS property to change the border of an element to XYZ 27.1214, 25.7954, 23.2882 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(163, 132, 126) }
```


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

```
.border{ border-color:rgb(163, 132, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 132, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 132, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 132, 126);  
box-shadow:4px 4px 4px 4px rgb(163, 132,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1214, 25.7954, 23.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 132, 126) }
```

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

```
.background{ background-color: rgb(163,  
132, 126) }
```

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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