

Converting Colors

XYZ(27.5911, 26.3311, 24.3633)

Have a look what the booklet for
XYZ(27.5911, 26.3311, 24.3633)
contains.

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Color

**XYZ(27.5918, 26.4217,
24.4145)**

Conversions

Conversions Part 1

Format	Color
Hex	A38681
RGB	163, 134, 129
RGB Percent	64%, 53%, 51%
CMY	0.3608, 0.4745, 0.4941
CMYK	0.00, 0.18, 0.21, 0.36
HSL	9°, 16%, 57%
HSV	9°, 21%, 64%
XYZ	27.5918, 26.4217, 24.4145
YIQ	142.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

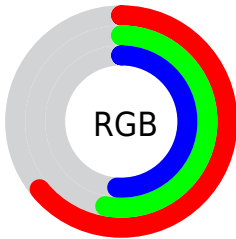
Format	Color
R_{YB}	163, 135, 129
Decimal	10716801
CIE _{Lab}	58.44, 10.23, 6.83
CIE _{LCh}	58, 12.299, 33.745
Yxy	26.4217, 0.3518, 0.3369
Android (android.graphics.Color)	4288906881 (0xFFA38681)
YUV	142.1010, -6.4588, 18.3284
Hunter-Lab	51.4020, 5.8624, 7.8204

Details

The XYZ color **27.5918, 26.4217, 24.4145** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.8907, 31.7644, 39.3117**, and the grayscale version is **25.7712, 27.1133, 29.5264**.

A 20% lighter version of the original color is **55.1273, 53.8235, 51.7394**, and **11.1738, 10.2993, 8.9885** is the 20% darker color. If you saturate the color by 10%, you get **24.7970, 22.4297, 18.5571**, and if you desaturate by 10%, it is **30.8135, 30.9904, 31.2676**.

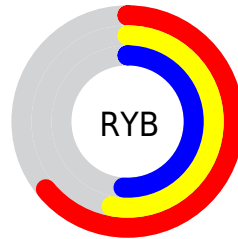
Distribution



Red (64%)

Green (53%)

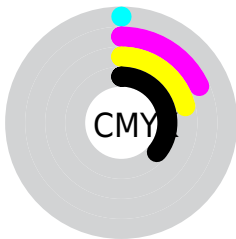
Blue (51%)



Red (64%)

Yellow (53%)

Blue (51%)

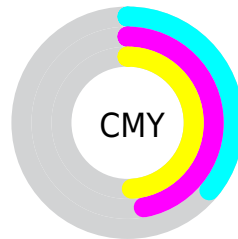


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (36%)



Cyan (36%)

Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5918, 26.4217, 24.4145 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 27.5918, 26.4217, 24.4145 by changing the saturation by 10% instead.


 27.5918, 26.4217,
24.4145


 27.5918, 26.4217,
24.4145


282.6268,
284.8461, 288.2632


 18.1571, 17.1394,
15.4263


 55.2453, 53.9545,
51.6580

 11.1632, 10.3339,
8.9692


 74.1947, 72.9737,
70.7505

 6.2448, 5.6209,
4.6246


 97.0465, 96.0074,
94.0482

 3.0366, 2.6160,
1.9739

124.1658,
123.4399, 121.9696

 1.1731, 0.9347,
0.5391

155.9182,
155.6556, 154.9332

 0.0850, 0.0000,
0.0000

192.6689,

 0.0000, 0.0000,

193.0390, 193.3577

0.0000

234.7833,
235.9743, 237.6615

■ 27.5918, 26.4217,
24.4145

■ 27.5918, 26.4217,
24.4145

■ 24.7970, 22.4297,
18.5571

■ 30.8135, 30.9904,
31.2676

■ 22.4090, 18.9881,
13.6473

■ 34.4769, 36.1537,
39.1580

■ 20.4092, 16.0736,
9.6358

■ 38.5985, 41.9334,
48.1270

■ 18.7769, 13.6600,
6.4678

■ 43.1936, 48.3488,
58.2131

■ 17.4891, 11.7190,
4.0828

■ 48.2766, 55.4185,
69.4530

■ 16.5206, 10.2190,
2.4120

■ 53.8614, 63.1604,
81.8816

■ 15.8420, 9.1250,
1.3746

■ 59.9612, 71.5916,
95.5325

■ 15.4307, 8.4393,
0.8157

■ 65.8720, 80.4419,
106.6628

■ 68.9143, 86.5266,
107.6769

Harmonies

Analogous

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



28.1065, 26.4217, 28.2319



27.5918, 26.4217, 24.4145



26.4124, 26.4217, 21.9703

Triad

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



27.5918, 26.4217, 24.4145



22.6110, 26.4217, 25.2628



25.3021, 26.4217, 37.8364

Complementary

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



27.5918, 26.4217, 24.4145



27.8907, 31.7644, 39.3117

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.



23.8570, 26.4217, 36.8422



27.5918, 26.4217, 24.4145



22.3400, 26.4217, 29.3123

Square

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



27.5918, 26.4217, 24.4145



23.5427, 26.4217, 22.4248



22.7874, 26.4217, 33.6122



26.7517, 26.4217, 36.2088

Rectangle

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



27.5918, 26.4217, 24.4145



25.4290, 26.4217, 21.3054



22.7874, 26.4217, 33.6122



24.7997, 26.4217, 37.7985

Sweetspot

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



27.5925, 26.4229, 24.4150



58.1983, 59.7556, 62.4696



29.1666, 25.9721, 36.0349



12.9817, 13.2948, 13.8380



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.



27.5925, 26.4229, 24.4150



47.0175, 43.9024, 38.6775



30.0586, 31.3551, 25.2371



7.1540, 7.2464, 7.4017



12.0142, 6.6023, 0.6412



0.2752, 0.1842, 0.0210

Inverse Universe

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



27.8907, 31.7644, 39.3117



47.6461, 55.2009, 70.1997



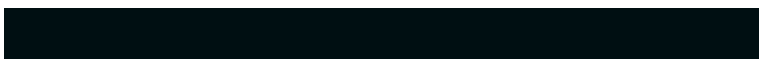
25.2582, 26.4995, 38.4342



7.1869, 7.8328, 9.0362



12.3407, 16.4607, 29.4566



0.2820, 0.3912, 0.6265

Previews

White Background



This preview shows how the XYZ color 27.5918, 26.4217, 24.4145 looks on a white background.

Color Contrast Check

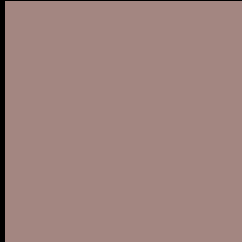
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5918, 26.4217, 24.4145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

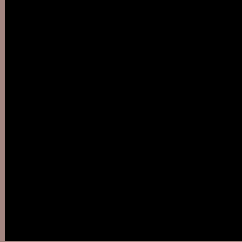
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5918, 26.4217, 24.4145

Background



This preview shows how black text looks on a background with the XYZ color 27.5918, 26.4217, 24.4145.



This preview shows how white text looks on a background with the XYZ color 27.5918, 26.4217,

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

27.5918, 26.4217, 24.4145

Protanopia

25.2200, 26.4419, 25.6043

Deuteranopia

27.0647, 26.5642, 24.4698



Tritanopia

28.6508, 26.4549, 29.1874

Trichromacy



Original Color

27.5918, 26.4217, 24.4145

Protanomaly

26.1341, 26.4911, 25.2086

Deuteranomaly

27.1236, 26.3865, 24.4324

Tritanomaly

28.2127, 26.4737, 27.2899

Monochromacy



Original Color

27.5918, 26.4217, 24.4145

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.3257, 26.7554, 27.4437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5918, 26.4217, 24.4145 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, 134, 129)` looks like.

```
.text, #text, p{  
    color:rgb(163, 134, 129)  
}
```

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, 134, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 134, 129) }
```

Border

The CSS property to change the border of an element to XYZ 27.5918, 26.4217, 24.4145 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, 134, 129) }
```


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

```
.border{ border-color:rgb(163, 134, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 134, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 134, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 134, 129);  
box-shadow:4px 4px 4px 4px rgb(163, 134,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5918, 26.4217, 24.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 134, 129) }
```

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

```
.background{ background-color: rgb(163,  
134, 129) }
```

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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