

Converting Colors

XYZ(27.4717, 26.1086, 23.4970)

Have a look what the booklet for
XYZ(27.4717, 26.1086, 23.4970)
contains.

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Color

**XYZ(27.4633, 26.1739,
23.3433)**

Conversions

Conversions Part 1

Format	Color
Hex	A4857E
RGB	164, 133, 126
RGB Percent	64%, 52%, 49%
CMY	0.3569, 0.4784, 0.5059
CMYK	0.00, 0.19, 0.23, 0.36
HSL	11°, 17%, 57%
HSV	11°, 23%, 64%
XYZ	27.4633, 26.1739, 23.3433
YIQ	141.4710, 20.7230, 4.3950

Conversions

Conversions Part 2

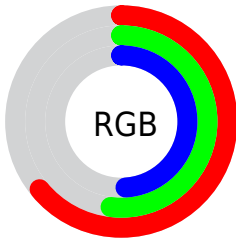
Format	Color
R_{YB}	164, 135, 126
Decimal	10782078
CIE _{Lab}	58.20, 10.72, 8.23
CIE _{LCh}	58, 13.515, 37.530
Yxy	26.1739, 0.3568, 0.3400
Android (android.graphics.Color)	4288972158 (0xFFA4857E)
YUV	141.4710, -7.6272, 19.7579
Hunter-Lab	51.1604, 6.2894, 8.7597

Details

The XYZ color **27.4633, 26.1739, 23.3433** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.3619, 31.2293, 39.7080**, and the grayscale version is **25.5264, 26.8557, 29.2459**.

A 20% lighter version of the original color is **54.9090, 53.4326, 50.0673**, and **11.1149, 10.1671, 8.3978** is the 20% darker color. If you saturate the color by 10%, you get **24.7744, 22.3529, 17.6470**, and if you desaturate by 10%, it is **30.5605, 30.5333, 30.0322**.

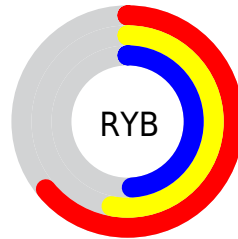
Distribution



Red (64%)

Green (52%)

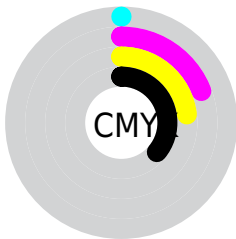
Blue (49%)



Red (64%)

Yellow (53%)

Blue (49%)

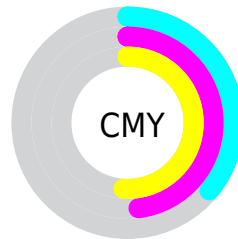


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4633, 26.1739, 23.3433 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 27.4633, 26.1739, 23.3433 by changing the saturation by 10% instead.

■ 27.4633, 26.1739,
23.3433

■ 27.4633, 26.1739,
23.3433

282.0202,
283.6347, 282.6622

■ 18.0599, 16.9538,
14.6395

■ 55.0411, 53.5554,
49.8867

■ 11.0929, 10.2015,
8.4230

■ 73.9461, 72.4855,
68.5635

■ 6.1971, 5.5328,
4.2752

■ 96.7491, 95.4211,
91.4016

■ 3.0071, 2.5631,
1.7775

123.8154,
122.7465, 118.8197

■ 1.1575, 0.9082,
0.4130

155.5102,
154.8462, 151.2363

■ 0.0724, 0.0000,
0.0000

192.1991,

■ 0.0000, 0.0000,

192.1045, 189.0698

0.0000

234.2473,
234.9059, 232.7390

■ 27.4633, 26.1739,
23.3433

■ 27.4633, 26.1739,
23.3433

■ 24.7744, 22.3529,
17.6470

■ 30.5605, 30.5333,
30.0322

■ 22.4743, 19.0458,
12.8944

■ 34.0799, 35.4472,
37.7563

■ 20.5455, 16.2316,
9.0345

■ 38.0375, 40.9354,
46.5577

■ 18.9679, 13.8864,
6.0114

■ 42.4479, 47.0159,
56.4757

■ 17.7196, 11.9843,
3.7622

■ 47.3248, 53.7056,
67.5474

■ 16.7760, 10.4968,
2.2156

■ 52.6814, 61.0209,
79.8085

■ 16.1089, 9.3920,
1.2865

■ 58.5305, 68.9776,
93.2929

■ 15.7799, 8.8325,
0.8731

■ 64.5277, 77.4481,
106.1557

■ 68.6129, 85.6184,
107.5175

Harmonies

Analogous

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



28.1369, 26.1739, 27.3317



27.4633, 26.1739, 23.3433



26.1025, 26.1739, 20.9408

Triad

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



27.4633, 26.1739, 23.3433



22.0755, 26.1739, 25.1843



25.2931, 26.1739, 38.4237

Complementary

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



27.4633, 26.1739, 23.3433



27.3619, 31.2293, 39.7080

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.



23.6915, 26.1739, 37.6866



27.4633, 26.1739, 23.3433



21.8801, 26.1739, 29.6990

Square

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



27.4633, 26.1739, 23.3433



23.0054, 26.1739, 21.9195



22.4593, 26.1739, 34.3627



26.8486, 26.1739, 36.2786

Rectangle

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



27.4633, 26.1739, 23.3433



25.0137, 26.1739, 20.3941



22.4593, 26.1739, 34.3627



24.7418, 26.1739, 38.5086

Sweetspot

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



27.4640, 26.1751, 23.3438



59.2360, 60.6859, 62.7498



28.8597, 25.2501, 35.2662



12.8731, 13.1596, 13.5490



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.



27.4640, 26.1751, 23.3438



47.1465, 43.6770, 36.6154



30.2989, 31.8449, 24.2888



7.1745, 7.2874, 7.4086



12.1259, 6.8257, 0.6784



0.2824, 0.1986, 0.0234

Inverse Universe

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



27.3619, 31.2293, 39.7080



46.9230, 54.5388, 71.8063



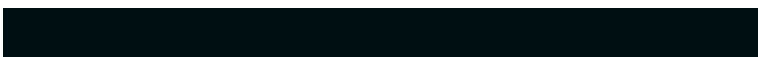
24.3987, 25.3029, 38.7203



7.1646, 7.7883, 9.0287



11.6829, 15.1453, 29.2374



0.2726, 0.3725, 0.6234

Previews

White Background



This preview shows how the XYZ color 27.4633, 26.1739, 23.3433 looks on a white background.

Color Contrast Check

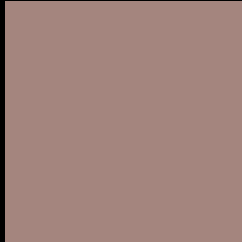
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4633, 26.1739, 23.3433 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 27.4633, 26.1739, 23.3433

Background



This preview shows how black text looks on a background with the XYZ color 27.4633, 26.1739, 23.3433.



This preview shows how white text looks on a background with the XYZ color 27.4633, 26.1739,

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

27.4633, 26.1739, 23.3433

Protanopia

25.0176, 26.3609, 24.5385

Deuteranopia

26.7279, 26.2052, 23.3881



Tritanopia

28.6499, 26.2627, 28.7585

Trichromacy



Original Color

27.4633, 26.1739, 23.3433

Protanomaly

25.7908, 26.1252, 24.1054

Deuteranomaly

26.9889, 26.1336, 23.3605

Tritanomaly

28.2122, 26.2794, 26.8780

Monochromacy



Original Color

27.4633, 26.1739, 23.3433

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 27.4633, 26.1739, 23.3433 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(164, 133, 126) looks like.

```
.text, #text, p{  
    color:rgb(164, 133, 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(164, 133, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 133, 126) }
```

Border

The CSS property to change the border of an element to XYZ 27.4633, 26.1739, 23.3433 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(164, 133, 126) }
```


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

```
.border{ border-color:rgb(164, 133, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 133, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 133, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 133, 126);  
box-shadow:4px 4px 4px 4px rgb(164, 133,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4633, 26.1739, 23.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 133, 126) }
```

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

```
.background{ background-color: rgb(164,  
133, 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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