

Converting Colors

XYZ(27.9593, 27.0629, 22.8188)

Have a look what the booklet for
XYZ(27.9593, 27.0629, 22.8188)
contains.

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Color

**XYZ(27.9593, 27.0629,
22.8188)**

Conversions

Conversions Part 1

Format	Color
Hex	A5887C
RGB	165, 136, 124
RGB Percent	65%, 53%, 49%
CMY	0.3529, 0.4667, 0.5137
CMYK	0.00, 0.18, 0.25, 0.35
HSL	18°, 19%, 57%
HSV	18°, 25%, 65%
XYZ	27.9593, 27.0629, 22.8188
YIQ	143.3030, 21.1360, 2.4160

Conversions

Conversions Part 2

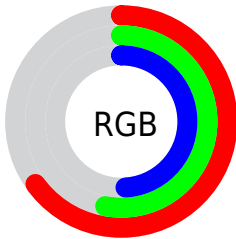
Format	Color
R_{YB}	165, 141, 124
Decimal	10848380
CIE _{Lab}	59.03, 9.12, 10.57
CIE _{LCh}	59, 13.957, 49.223
Yxy	27.0629, 0.3592, 0.3477
Android (android.graphics.Color)	4289038460 (0xFFA5887C)
YUV	143.3030, -9.5164, 19.0283
Hunter-Lab	52.0220, 4.8965, 10.4086

Details

The XYZ color **27.9593, 27.0629, 22.8188** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **26.4946, 29.7833, 39.9498**, and the grayscale version is **26.2611, 27.6287, 30.0876**.

A 20% lighter version of the original color is **55.9522, 54.9417, 49.2508**, and **11.2799, 10.6083, 8.1097** is the 20% darker color. If you saturate the color by 10%, you get **25.4471, 23.5709, 17.2569**, and if you desaturate by 10%, it is **30.8266, 30.9852, 29.3611**.

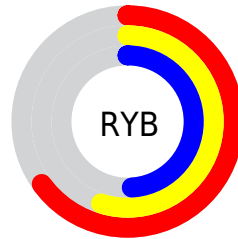
Distribution



Red (65%)

Green (53%)

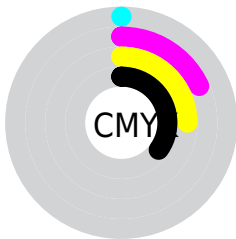
Blue (49%)



Red (65%)

Yellow (55%)

Blue (49%)

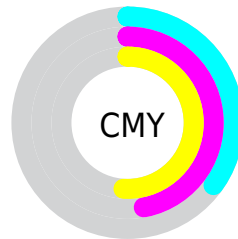


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9593, 27.0629, 22.8188 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 27.9593, 27.0629, 22.8188 by changing the saturation by 10% instead.

■ 27.9593, 27.0629,
22.8188

■ 27.9593, 27.0629,
22.8188

284.3560,
287.9615, 279.8846

■ 18.4353, 17.6205,
14.2557

■ 55.8286, 54.9848,
49.0150

■ 11.3645, 10.6779,
8.1580

■ 74.9045, 74.2330,
67.4853

■ 6.3817, 5.8507,
4.1070

■ 97.8951, 97.5187,
90.0950

■ 3.1214, 2.7545,
1.6842

125.1658,
125.2261, 117.2628

■ 1.2183, 1.0049,
0.3499

157.0819,
157.7397, 149.4070

■ 0.1207, 0.0000,
0.0000

194.0087,

■ 0.0000, 0.0000,

195.4439, 186.9464

0.0000

236.3116,
238.7230, 230.2994

■ 27.9593, 27.0629,
22.8188

■ 27.9593, 27.0629,
22.8188

■ 25.4471, 23.5709,
17.2569

■ 30.8266, 30.9852,
29.3611

■ 23.2734, 20.4905,
12.6262

■ 34.0602, 35.3481,
36.9265

■ 21.4234, 17.8072,
8.8754

■ 37.6738, 40.1664,
45.5571

■ 19.8805, 15.5041,
5.9479

■ 41.6794, 45.4529,
55.2924

■ 18.6263, 13.5632,
3.7802

■ 46.0887, 51.2200,
66.1695

■ 17.6401, 11.9646,
2.2994

■ 50.9128, 57.4796,
78.2241

■ 16.8977, 10.6861,
1.4161

■ 56.1623, 64.2431,
91.4902

■ 16.5866, 10.1384,
1.0827

■ 61.6859, 71.4570,
105.1491

■ 65.0309, 78.1468,
106.2641

Harmonies

Analogous

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



28.9968, 27.0629, 26.4371



27.9593, 27.0629, 22.8188



26.3502, 27.0629, 21.0558

Triad

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



27.9593, 27.0629, 22.8188



22.5878, 27.0629, 27.7193



26.8345, 27.0629, 39.4208

Complementary

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



27.9593, 27.0629, 22.8188



26.4946, 29.7833, 39.9498

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.



25.1048, 27.0629, 39.8638



27.9593, 27.0629, 22.8188



22.7044, 27.0629, 32.7198

Square

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



27.9593, 27.0629, 22.8188



23.2823, 27.0629, 23.6666



23.6083, 27.0629, 37.2950



28.3275, 27.0629, 36.1450

Rectangle

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



27.9593, 27.0629, 22.8188



25.1924, 27.0629, 21.0199



23.6083, 27.0629, 37.2950



26.2599, 27.0629, 39.9188

Sweetspot

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



27.9600, 27.0641, 22.8194



59.6196, 61.4532, 62.8777



28.5064, 24.7275, 33.5739



12.9629, 13.3391, 13.5789



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.



27.9600, 27.0641, 22.8194



47.4323, 44.8105, 34.9782



31.0634, 33.2709, 23.8538



7.2349, 7.4082, 7.4287



12.5866, 7.7471, 0.8319



0.3034, 0.2406, 0.0305

Inverse Universe

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



26.4946, 29.7833, 39.9498



44.3317, 50.5474, 71.1724



23.4756, 23.7451, 38.9434



7.1002, 7.6593, 9.0072



9.9679, 11.7152, 28.6657



0.2471, 0.3215, 0.6149

Previews

White Background



This preview shows how the XYZ color 27.9593, 27.0629, 22.8188 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 27.9593, 27.0629, 22.8188 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 27.9593, 27.0629, 22.8188

Background



This preview shows how black text looks on a background with the XYZ color 27.9593, 27.0629, 22.8188.



This preview shows how white text looks on a background with the XYZ color 27.9593, 27.0629,

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

27.9593, 27.0629, 22.8188

Protanopia

25.7165, 27.1742, 23.9684

Deuteranopia

27.6880, 27.1331, 22.8467



Tritanopia

29.2818, 26.9737, 29.6497

Trichromacy



Original Color

27.9593, 27.0629, 22.8188

Protanomaly

26.4704, 27.1325, 23.5806

Deuteranomaly

27.8936, 27.2391, 22.8563

Tritanomaly

28.6949, 26.9348, 26.9791

Monochromacy



Original Color

27.9593, 27.0629, 22.8188

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5845, 27.1130, 27.1247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9593, 27.0629, 22.8188 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(165, 136, 124)` looks like.

```
.text, #text, p{  
    color:rgb(165, 136, 124)  
}
```

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(165, 136, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 136, 124) }
```

Border

The CSS property to change the border of an element to XYZ 27.9593, 27.0629, 22.8188 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(165, 136, 124) }
```


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

```
.border{ border-color:rgb(165, 136, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 136, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 136, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 136, 124);  
box-shadow:4px 4px 4px 4px rgb(165, 136,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9593, 27.0629, 22.8188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 136, 124) }
```

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

```
.background{ background-color: rgb(165,  
136, 124) }
```

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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