

Converting Colors

XYZ(27.9801, 29.9046, 25.7679)

Have a look what the booklet for
XYZ(27.9801, 29.9046, 25.7679)
contains.

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Color

**XYZ(27.9810, 29.9059,
25.7704)**

Conversions

Conversions Part 1

Format	Color
Hex	999583
RGB	153, 149, 131
RGB Percent	60%, 58%, 51%
CMY	0.4000, 0.4157, 0.4863
CMYK	0.00, 0.03, 0.14, 0.40
HSL	49°, 10%, 56%
HSV	49°, 14%, 60%
XYZ	27.9810, 29.9059, 25.7704
YIQ	148.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

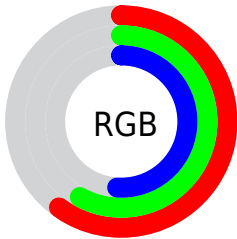
Format	Color
R_{YB}	136, 153, 131
Decimal	10065283
CIE _{Lab}	61.57, -1.75, 10.03
CIE _{LCh}	62, 10.184, 99.887
Yxy	29.9059, 0.3345, 0.3575
Android (android.graphics.Color)	4288255363 (0xFF999583)
YUV	148.1440, -8.4520, 4.2587
Hunter-Lab	54.6863, -4.3690, 10.3405

Details

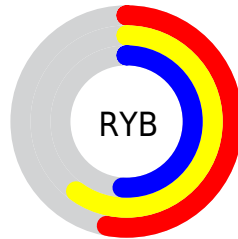
The XYZ color **27.9810, 29.9059, 25.7704** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7737, 24.4525, 33.6039**, and the grayscale version is **28.2408, 29.7116, 32.3559**.

A 20% lighter version of the original color is **55.7398, 59.4380, 53.8823**, and **11.3702, 12.1693, 9.7323** is the 20% darker color. If you saturate the color by 10%, you get **26.5855, 28.6535, 20.5615**, and if you desaturate by 10%, it is **29.5418, 31.2432, 31.7907**.

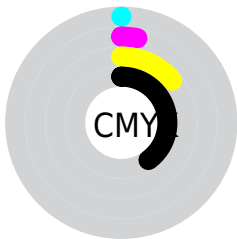
Distribution



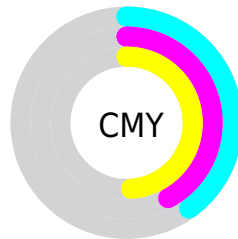
- Red (60%)
- Green (58%)
- Blue (51%)



- Red (53%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9810, 29.9059, 25.7704 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 27.9810, 29.9059, 25.7704 by changing the saturation by 10% instead.

■ 27.9810, 29.9059,
25.7704

■ 27.9810, 29.9059,
25.7704

284.4578,
301.4656, 295.2227

■ 18.4517, 19.7672,
16.4277

■ 55.8630, 59.5133,
53.8838

■ 11.3764, 12.2259,
9.6697

■ 74.9464, 79.7508,
73.4917

■ 6.3898, 6.8977,
5.0778

■ 97.9452, 104.1234,
97.3584

■ 3.1264, 3.3982,
2.2334

125.2247,
133.0154, 125.9024

■ 1.2210, 1.3430,
0.6936

157.1504,
166.8112, 159.5423

■ 0.1228, 0.1741,
0.0000

194.0876,

■ 0.0000, 0.0000,

205.8952, 198.6966

0.0000

236.4016,
250.6519, 243.7839

■ 27.9810, 29.9059,
25.7704

■ 27.9810, 29.9059,
25.7704

■ 26.5855, 28.6535,
20.5615

■ 29.5418, 31.2432,
31.7907

■ 25.3461, 27.4792,
16.1268

■ 31.2718, 32.6641,
38.6535

■ 24.2564, 26.3813,
12.4291

■ 33.1778, 34.1725,
46.3907

■ 23.3084, 25.3566,
9.4273

■ 35.2655, 35.7706,
55.0319

■ 22.4936, 24.4014,
7.0765

■ 37.5403, 37.4609,
64.6054

■ 21.8023, 23.5119,
5.3261

■ 40.0075, 39.2454,
75.1382

■ 21.2235, 22.6834,
4.1185

■ 42.6719, 41.1263,
86.6561

■ 20.7437, 21.9105,
3.3828

■ 45.5385, 43.1057,
99.1842

■ 20.4968, 21.4922,
3.0681

■ 46.3263, 44.2712,
100.7113

Harmonies

Analogous

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



29.3272, 29.9059, 26.0651



27.9810, 29.9059, 25.7704



26.7914, 29.9059, 27.1818

Triad

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



27.9810, 29.9059, 25.7704



26.4779, 29.9059, 37.5693



30.9340, 29.9059, 35.1878

Complementary

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



27.9810, 29.9059, 25.7704



23.7737, 24.4525, 33.6039

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.



30.1230, 29.9059, 38.6100



27.9810, 29.9059, 25.7704



27.5409, 29.9059, 40.0587

Square

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



27.9810, 29.9059, 25.7704



25.9419, 29.9059, 33.8565



28.8730, 29.9059, 40.4539



31.0609, 29.9059, 31.3018

Rectangle

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



27.9810, 29.9059, 25.7704



26.2366, 29.9059, 28.9713



28.8730, 29.9059, 40.4539



30.7312, 29.9059, 36.4387

Sweetspot

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



27.9818, 29.9072, 25.7710



52.9941, 56.0269, 57.2791



25.6290, 24.7555, 26.3619



11.6558, 12.3329, 12.4685



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.9818, 29.9072, 25.7710



49.3426, 52.8812, 43.2453



27.3482, 30.5353, 25.9257



6.6135, 7.0320, 6.6146



16.9623, 17.8070, 2.5431



0.2756, 0.3102, 0.0454

Inverse Universe

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



23.7737, 24.4525, 33.6039



40.4386, 41.3400, 59.8201



24.3421, 23.9334, 33.4737



5.9708, 6.1989, 7.8108



5.1100, 2.6166, 25.1434



0.0962, 0.0787, 0.3825

Previews

White Background



This preview shows how the XYZ color 27.9810, 29.9059, 25.7704 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 27.9810, 29.9059, 25.7704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

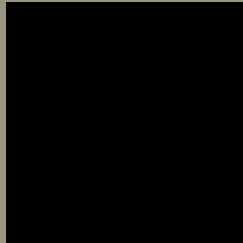
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9810, 29.9059, 25.7704

Background



This preview shows how black text looks on a background with the XYZ color 27.9810, 29.9059, 25.7704.



This preview shows how white text looks on a background with the XYZ color 27.9810, 29.9059,

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

27.9810, 29.9059, 25.7704

Protanopia

28.2042, 29.7871, 25.7357

Deuteranopia

30.3495, 29.7459, 25.9717



Tritanopia

30.1158, 29.8532, 36.0733

Trichromacy



Original Color

27.9810, 29.9059, 25.7704

Protanomaly

28.0131, 29.6885, 25.7267

Deuteranomaly

29.3945, 29.7033, 26.0138

Tritanomaly

29.3345, 29.7638, 32.2159

Monochromacy



Original Color

27.9810, 29.9059, 25.7704

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0501, 29.6168, 29.8294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9810, 29.9059, 25.7704 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(153, 149, 131)` looks like.

```
.text, #text, p{  
    color:rgb(153, 149, 131)  
}
```

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(153, 149, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 149, 131) }
```

Border

The CSS property to change the border of an element to XYZ 27.9810, 29.9059, 25.7704 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(153, 149, 131) }
```


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

```
.border{ border-color:rgb(153, 149, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 149, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 149, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 149, 131);  
box-shadow:4px 4px 4px 4px rgb(153, 149,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9810, 29.9059, 25.7704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 149, 131) }
```

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

```
.background{ background-color: rgb(153,  
149, 131) }
```

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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