

Converting Colors

XYZ(27.8041, 30.2838, 26.1055)

Have a look what the booklet for
XYZ(27.8041, 30.2838, 26.1055)
contains.

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Color

**XYZ(27.8091, 30.2832,
26.2093)**

Conversions

Conversions Part 1

Format	Color
Hex	969784
RGB	150, 151, 132
RGB Percent	59%, 59%, 52%
CMY	0.4118, 0.4078, 0.4823
CMYK	0.01, 0.00, 0.13, 0.41
HSL	63°, 8%, 55%
HSV	63°, 13%, 59%
XYZ	27.8091, 30.2832, 26.2093
YIQ	148.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

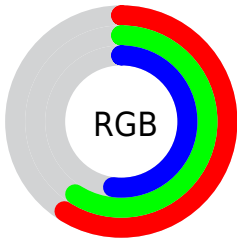
Format	Color
RYB	132, 151, 133
Decimal	9869188
CIELab	61.90, -3.83, 9.89
CIELCh	62, 10.611, 111.168
Yxy	30.2832, 0.3299, 0.3592
Android (android.graphics.Color)	4288059268 (0xFF969784)
YUV	148.5350, -8.1518, 1.2848
Hunter-Lab	55.0302, -6.0991, 10.2830

Details

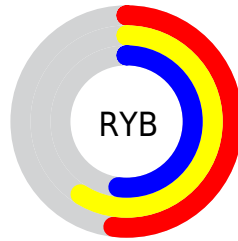
The XYZ color **27.8091, 30.2832, 26.2093** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5113, 23.7243, 32.6199**, and the grayscale version is **28.4040, 29.8832, 32.5428**.

A 20% lighter version of the original color is **55.4901, 60.0028, 54.5560**, and **11.2641, 12.3915, 9.9817** is the 20% darker color. If you saturate the color by 10%, you get **26.7038, 29.8252, 21.1484**, and if you desaturate by 10%, it is **29.0667, 30.8042, 32.0594**.

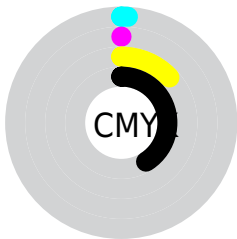
Distribution



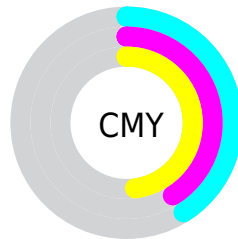
- Red (59%)
- Green (59%)
- Blue (52%)



- Red (52%)
- Yellow (59%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8091, 30.2832, 26.2093 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 27.8091, 30.2832, 26.2093 by changing the saturation by 10% instead.

■ 27.8091, 30.2832,
26.2093

■ 27.8091, 30.2832,
26.2093

283.6502,
303.2223, 297.4461

■ 18.3215, 20.0536,
16.7531

■ 55.5903, 60.1098,
54.6006

■ 11.2822, 12.4340,
9.8985

■ 74.6146, 80.4755,
74.3729

■ 6.3256, 7.0400,
5.2270

■ 97.5486, 104.9889,
98.4208

■ 3.0866, 3.4871,
2.3200

124.7575,
134.0341, 127.1631

■ 1.1997, 1.3910,
0.7424

156.6068,
167.9957, 161.0183

■ 0.1062, 0.2101,
0.0000

193.4618,

■ 0.0000, 0.0000,

207.2580, 200.4048

0.0000

235.6878,
252.2054, 245.7412

■ 27.8091, 30.2832,
26.2093

■ 27.8091, 30.2832,
26.2093

■ 26.7038, 29.8252,
21.1484

■ 29.0667, 30.8042,
32.0594

■ 25.7418, 29.4236,
16.8411

■ 30.4801, 31.3867,
38.7284

■ 24.9172, 29.0771,
13.2518

■ 32.0558, 32.0343,
46.2468

■ 24.2225, 28.7827,
10.3416

■ 33.7992, 32.7490,
54.6432

■ 23.6496, 28.5371,
8.0674

■ 35.7155, 33.5330,
63.9446

■ 23.1895, 28.3367,
6.3818

■ 37.8095, 34.3882,
74.1769

■ 22.8317, 28.1774,
5.2303

■ 40.0861, 35.3165,
85.3650

■ 22.5642, 28.0543,
4.5484

■ 42.5498, 36.3198,
97.5329

■ 22.3999, 27.9767,
4.2194

■ 43.0566, 36.5405,
99.3914

Harmonies

Analogous

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



29.2043, 30.2832, 25.8381



27.8091, 30.2832, 26.2093



26.7095, 30.2832, 28.3117

Triad

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



27.8091, 30.2832, 26.2093



27.1059, 30.2832, 39.4434



31.5648, 30.2832, 34.1877

Complementary

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



27.8091, 30.2832, 26.2093



23.5113, 23.7243, 32.6199

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.



30.9617, 30.2832, 38.1203



27.8091, 30.2832, 26.2093



28.3663, 30.2832, 41.3141

Square

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



27.8091, 30.2832, 26.2093



26.3129, 30.2832, 35.8766



29.7799, 30.2832, 40.8110



31.4036, 30.2832, 30.2310

Rectangle

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



27.8091, 30.2832, 26.2093



26.2771, 30.2832, 30.5144



29.7799, 30.2832, 40.8110



31.4440, 30.2832, 35.5608

Sweetspot

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



27.8099, 30.2845, 26.2100



51.6977, 55.0173, 55.7524



25.3090, 25.0074, 25.3232



11.7126, 12.4892, 12.4957



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.



27.8099, 30.2845, 26.2100



49.2371, 53.9989, 44.3373



26.1407, 29.4240, 26.1318



6.6767, 7.2063, 6.6449



19.0627, 23.8031, 3.5897



0.2934, 0.3602, 0.0541

Inverse Universe

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



23.5113, 23.7243, 32.6199



40.0487, 39.9760, 58.0390



25.0708, 24.5282, 32.6929



5.9132, 6.0411, 7.7834



4.8448, 1.9486, 25.0285



0.0795, 0.0328, 0.3745

Previews

White Background



This preview shows how the XYZ color 27.8091, 30.2832, 26.2093 looks on a white background.

Color Contrast Check

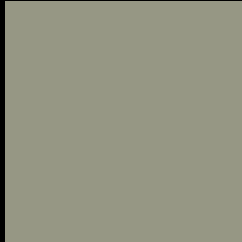
Large Text (above 18pt) WCAG AA × Fail

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 27.8091, 30.2832, 26.2093 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 ✓ Pass

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

XYZ 27.8091, 30.2832, 26.2093

Background



This preview shows how black text looks on a background with the XYZ color 27.8091, 30.2832, 26.2093.



This preview shows how white text looks on a background with the XYZ color 27.8091, 30.2832,

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

27.8091, 30.2832, 26.2093

Protanopia

28.5545, 30.2015, 25.7972

Deuteranopia

30.7845, 30.1860, 26.3943



Tritanopia

30.0182, 30.2407, 37.0558

Trichromacy



Original Color

27.8091, 30.2832, 26.2093

Protanomaly

28.3295, 30.3214, 25.8322

Deuteranomaly

29.7716, 30.3474, 26.4788

Tritanomaly

29.1516, 30.1220, 32.7115

Monochromacy



Original Color

27.8091, 30.2832, 26.2093

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2587, 30.1854, 30.3236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8091, 30.2832, 26.2093 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(150, 151, 132)` looks like.

```
.text, #text, p{  
    color:rgb(150, 151, 132)  
}
```

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(150, 151, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 151, 132) }
```

Border

The CSS property to change the border of an element to XYZ 27.8091, 30.2832, 26.2093 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(150, 151, 132) }
```


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

```
.border{ border-color:rgb(150, 151, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 151, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 151, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 151, 132);  
box-shadow:4px 4px 4px 4px rgb(150, 151,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8091, 30.2832, 26.2093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 151, 132) }
```

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

```
.background{ background-color: rgb(150,  
151, 132) }
```

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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