

Converting Colors

XYZ(30.2361, 27.0581, 26.7411)

Have a look what the booklet for
XYZ(30.2361, 27.0581, 26.7411)
contains.

XYZ(30.2394, 27.1241, 26.9342)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2394, 27.1241,
26.9342)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8388
RGB	175, 131, 136
RGB Percent	69%, 51%, 53%
CMY	0.3137, 0.4863, 0.4667
CMYK	0.00, 0.25, 0.22, 0.31
HSL	353°, 22%, 60%
HSV	353°, 25%, 69%
XYZ	30.2394, 27.1241, 26.9342
YIQ	144.7260, 24.6190, 10.8830

Conversions

Conversions Part 2

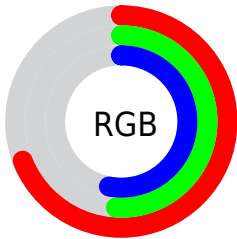
Format	Color
RYB	175, 131, 136
Decimal	11502472
CIELab	59.09, 17.68, 3.92
CIELCh	59, 18.104, 12.490
Yxy	27.1241, 0.3587, 0.3218
Android (android.graphics.Color)	4289692552 (0xFFAF8388)
YUV	144.7260, -4.3019, 26.5503
Hunter-Lab	52.0808, 12.5001, 5.7940

Details

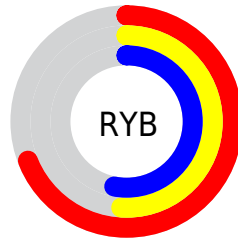
The XYZ color **30.2394, 27.1241, 26.9342** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9468, 38.3881, 43.7580**, and the grayscale version is **26.8130, 28.2093, 30.7200**.

A 20% lighter version of the original color is **59.2808, 54.9440, 55.6249**, and **12.6482, 10.6943, 10.2017** is the 20% darker color. If you saturate the color by 10%, you get **27.0607, 22.4050, 20.8234**, and if you desaturate by 10%, it is **33.9762, 32.7035, 34.0189**.

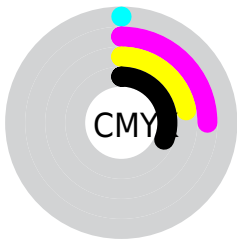
Distribution



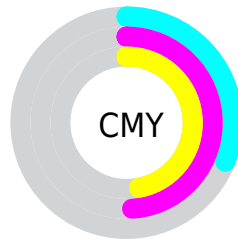
- Red (69%)
- Green (51%)
- Blue (53%)



- Red (69%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (31%)



- Cyan (31%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2394, 27.1241, 26.9342 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 30.2394, 27.1241, 26.9342 by changing the saturation by 10% instead.

■ 30.2394, 27.1241,
26.9342

■ 30.2394, 27.1241,
26.9342

294.9086,
288.2575, 301.0885

■ 20.1693, 17.6664,
17.2918

■ 59.4246, 55.0829,
55.7807

■ 12.6272, 10.7108,
10.2786

■ 79.2705, 74.3529,
75.8219

■ 7.2475, 5.8727,
5.4761

■ 103.1056, 97.6625,
100.1665

■ 3.6651, 2.7678,
2.4656

131.2955,
125.3960, 129.2329

■ 1.5145, 1.0118,
0.8219

164.2053,
157.9378, 163.4398

■ 0.3356, 0.0000,
0.0000

202.2006,

■ 0.0000, 0.0000,

195.6724, 203.2057

0.0000

245.6465,
238.9842, 248.9490

■ 30.2394, 27.1241,
26.9342

■ 30.2394, 27.1241,
26.9342

■ 27.0607, 22.4050,
20.8234

■ 33.9762, 32.7035,
34.0189

■ 24.4111, 18.4999,
15.6423

■ 38.2937, 39.1790,
42.1158

■ 22.2623, 15.3638,
11.3456

■ 43.2163, 46.5891,
51.2632

■ 20.5826, 12.9457,
7.8838

■ 48.7659, 54.9689,
61.4969

■ 19.3365, 11.1886,
5.2021

■ 54.9637, 64.3516,
72.8509

■ 18.4834, 10.0268,
3.2395

■ 61.8296, 74.7689,
85.3577

■ 17.9742, 9.3797,
1.9252

■ 69.3828, 86.2510,
99.0488

■ 17.8044, 9.1641,
1.4864

■ 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



30.1304, 27.1241, 33.4205



30.2394, 27.1241, 26.9342



29.1042, 27.1241, 21.9302

Triad

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



30.2394, 27.1241, 26.9342



22.9675, 27.1241, 21.3069



24.5008, 27.1241, 42.9954

Complementary

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



30.2394, 27.1241, 26.9342



31.9468, 38.3881, 43.7580

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.



22.7202, 27.1241, 38.7179



30.2394, 27.1241, 26.9342



21.8710, 27.1241, 25.9603

Square

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



30.2394, 27.1241, 26.9342



24.8563, 27.1241, 19.0131



21.7832, 27.1241, 32.2949



26.7276, 27.1241, 43.3572

Rectangle

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



30.2394, 27.1241, 26.9342



27.8310, 27.1241, 19.8510



21.7832, 27.1241, 32.2949



23.8335, 27.1241, 41.9420

Sweetspot

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



30.2401, 27.1254, 26.9348



66.1526, 66.5186, 70.8861



32.4037, 27.8602, 44.2273



14.4432, 14.3945, 15.2684



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.2401, 27.1254, 26.9348



50.9756, 43.8478, 42.1411



32.3457, 31.8917, 25.9252



8.0409, 8.0296, 8.5260



12.7625, 6.5675, 1.1289



0.3665, 0.1873, 0.0917

Inverse Universe

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



30.2401, 27.1254, 26.9348



50.9756, 43.8478, 42.1411



29.3486, 32.4207, 45.2686



8.0409, 8.0296, 8.5260



12.7625, 6.5675, 1.1289



0.3665, 0.1873, 0.0917

Previews

White Background



This preview shows how the XYZ color 30.2394, 27.1241, 26.9342 looks on a white background.

Color Contrast Check

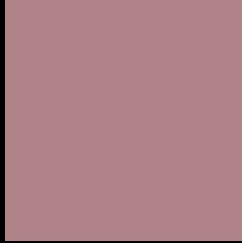
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2394, 27.1241, 26.9342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

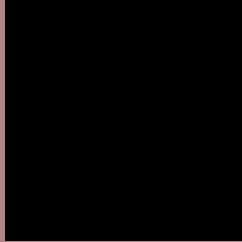
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2394, 27.1241, 26.9342

Background



This preview shows how black text looks on a background with the XYZ color 30.2394, 27.1241, 26.9342.



This preview shows how white text looks on a background with the XYZ color 30.2394, 27.1241,

26.9342.

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

30.2394, 27.1241, 26.9342

Protanopia

26.2325, 27.3187, 29.4816

Deuteranopia

27.7597, 27.2972, 26.7275



Tritanopia

30.3955, 26.9727, 28.4152

Trichromacy



Original Color

30.2394, 27.1241, 26.9342

Protanomaly

27.5324, 27.1383, 28.5980

Deuteranomaly

28.5542, 27.0765, 26.6430

Tritanomaly

30.3220, 26.9433, 28.0285

Monochromacy



Original Color

30.2394, 27.1241, 26.9342

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.9709, 27.7771, 29.4785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2394, 27.1241, 26.9342 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(175, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 136)  
}
```

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(175, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 136) }
```

Border

The CSS property to change the border of an element to XYZ 30.2394, 27.1241, 26.9342 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(175, 131, 136) }
```


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

```
.border{ border-color:rgb(175, 131, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2394, 27.1241, 26.9342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 136) }
```

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

```
.background{ background-color: rgb(175,  
131, 136) }
```

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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