

Converting Colors

XYZ(30.2560, 28.9939, 37.7199)

Have a look what the booklet for
XYZ(30.2560, 28.9939, 37.7199)
contains.

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Color

**XYZ(30.2560, 28.9939,
37.7199)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8DA1
RGB	159, 141, 161
RGB Percent	62%, 55%, 63%
CMY	0.3765, 0.4470, 0.3686
CMYK	0.01, 0.12, 0.00, 0.37
HSL	294°, 10%, 59%
HSV	294°, 12%, 63%
XYZ	30.2560, 28.9939, 37.7199
YIQ	148.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

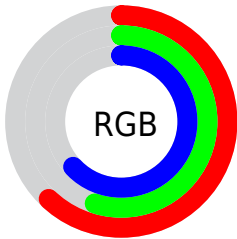
Format	Color
R_{YB}	159, 141, 161
Decimal	10456481
CIE _{Lab}	60.78, 10.47, -8.09
CIE _{LCh}	61, 13.229, 322.291
Yxy	28.9939, 0.3120, 0.2990
Android (android.graphics.Color)	4288646561 (0xFF9F8DA1)
YUV	148.6620, 6.0826, 9.0664
Hunter-Lab	53.8460, 6.0685, -3.8413

Details

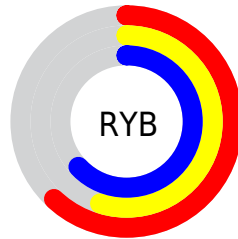
The XYZ color **30.2560, 28.9939, 37.7199** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8813, 33.2532, 30.0971**, and the grayscale version is **28.3999, 29.8789, 32.5381**.

A 20% lighter version of the original color is **59.6413, 58.2842, 73.0723**, and **12.5648, 11.7121, 16.0664** is the 20% darker color. If you saturate the color by 10%, you get **27.7356, 24.4236, 36.9710**, and if you desaturate by 10%, it is **33.1273, 34.2591, 38.5853**.

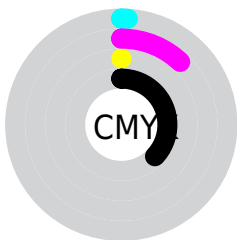
Distribution



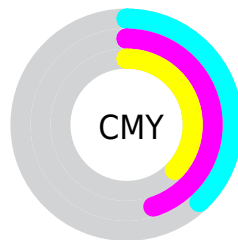
- Red (62%)
- Green (55%)
- Blue (63%)



- Red (62%)
- Yellow (55%)
- Blue (63%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)




- Cyan (38%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2560, 28.9939, 37.7199 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 30.2560, 28.9939, 37.7199 by changing the saturation by 10% instead.

 30.2560, 28.9939,
37.7199


 30.2560, 28.9939,
37.7199


294.9844,
297.1862, 351.6790


 20.1820, 19.0762,
25.4652


 59.4506, 58.0674,
72.8773

 12.6365, 11.7254,
16.2018


 79.3020, 77.9920,
96.6170

 7.2540, 6.5570,
9.5112


 103.1432,
102.0210, 125.0223

 3.6692, 3.1866,
4.9747

131.3396,
130.5388, 158.5115

 1.5167, 1.2299,
2.1740

164.2566,
163.9299, 197.5032

 0.3372, 0.0859,
0.6593

202.2595,

 0.0000, 0.0000,

202.5785, 242.4160

0.0000

245.7136,
246.8691, 293.6684

■ 30.2560, 28.9939,
37.7199

■ 30.2560, 28.9939,
37.7199

■ 27.7356, 24.4236,
36.9710

■ 33.1273, 34.2591,
38.5853

■ 25.5489, 20.5148,
36.3318

■ 36.3610, 40.2432,
39.5699

■ 23.6806, 17.2369,
35.7976

■ 39.9711, 46.9739,
40.6788

■ 22.1136, 14.5554,
35.3626

■ 43.9701, 54.4761,
41.9161

■ 20.8290, 12.4326,
35.0205

■ 48.3699, 62.7738,
43.2858

■ 19.8058, 10.8266,
34.7645

■ 53.1820, 71.8896,
44.7917

■ 19.0199, 9.6891,
34.5863

■ 58.4173, 81.8456,
46.4375

■ 18.4428, 8.9633,
34.4767

■ 59.1801, 82.8504,
46.5912

■ 18.0929, 8.5841,
34.4219

■ 59.5353, 83.0335,
46.6078

Harmonies

Analogous

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



28.8305, 28.9939, 41.1620



30.2560, 28.9939, 37.7199



30.9643, 28.9939, 32.8562

Triad

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



30.2560, 28.9939, 37.7199



28.0036, 28.9939, 23.0882



24.6116, 28.9939, 35.2974

Complementary

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



30.2560, 28.9939, 37.7199



28.8813, 33.2532, 30.0971

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.



24.4108, 28.9939, 30.3167



30.2560, 28.9939, 37.7199



26.3232, 28.9939, 23.5965

Square

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



30.2560, 28.9939, 37.7199



29.6291, 28.9939, 24.6578



25.0250, 28.9939, 26.1267



25.5854, 28.9939, 39.6651

Rectangle

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



30.2560, 28.9939, 37.7199



30.9148, 28.9939, 29.5971



25.0250, 28.9939, 26.1267



24.4531, 28.9939, 33.6274

Sweetspot

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



30.2569, 28.9952, 37.7205



58.4328, 59.7069, 68.8314



27.2412, 27.8822, 37.6647



12.7313, 12.9403, 15.0704



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.2569, 28.9952, 37.7205



52.8323, 49.4605, 67.1488



29.9735, 28.9280, 34.1417



7.2942, 7.1660, 8.9018



14.4695, 6.8658, 27.4924



0.3228, 0.1539, 0.5786

Inverse Universe

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



29.1817, 28.6113, 29.9724



50.5178, 48.6362, 50.3720



29.1552, 33.3231, 33.3302



7.1012, 7.0969, 7.5194



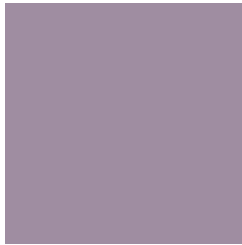
11.8218, 6.0848, 0.9861



0.2564, 0.1311, 0.0630

Previews

White Background



This preview shows how the XYZ color 30.2560, 28.9939, 37.7199 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 30.2560, 28.9939, 37.7199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

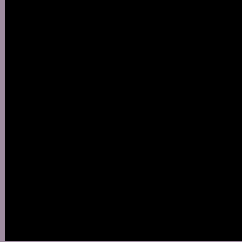
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2560, 28.9939, 37.7199

Background



This preview shows how black text looks on a background with the XYZ color 30.2560, 28.9939, 37.7199.



This preview shows how white text looks on a background with the XYZ color 30.2560, 28.9939,

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

30.2560, 28.9939, 37.7199

Protanopia

28.4813, 29.1674, 39.2507

Deuteranopia

29.5819, 29.0882, 37.7737



Tritanopia

29.5233, 28.9150, 34.1621

Trichromacy



Original Color

30.2560, 28.9939, 37.7199

Protanomaly

28.9785, 28.9804, 38.7168

Deuteranomaly

29.8163, 28.9871, 37.7418

Tritanomaly

29.7743, 29.0154, 35.4837

Monochromacy



Original Color

30.2560, 28.9939, 37.7199

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1655, 29.6300, 34.3190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2560, 28.9939, 37.7199 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(159, 141, 161)` looks like.

```
.text, #text, p{  
    color:rgb(159, 141, 161)  
}
```

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(159, 141, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 141, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.2560, 28.9939, 37.7199 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(159, 141, 161) }
```


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

```
.border{ border-color:rgb(159, 141, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 141, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 141, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 141, 161);  
box-shadow:4px 4px 4px 4px rgb(159, 141,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2560, 28.9939, 37.7199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 141, 161) }
```

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

```
.background{ background-color: rgb(159,  
141, 161) }
```

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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