

Converting Colors

XYZ(28.6795, 30.6990, 39.4342)

Have a look what the booklet for
XYZ(28.6795, 30.6990, 39.4342)
contains.

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Color

**XYZ(28.7443, 30.7123,
39.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	8C98A4
RGB	140, 152, 164
RGB Percent	55%, 60%, 64%
CMY	0.4510, 0.4039, 0.3569
CMYK	0.15, 0.07, 0.00, 0.36
HSL	210°, 12%, 60%
HSV	210°, 15%, 64%
XYZ	28.7443, 30.7123, 39.5350
YIQ	149.7800, -11.0040, 1.1880

Conversions

Conversions Part 2

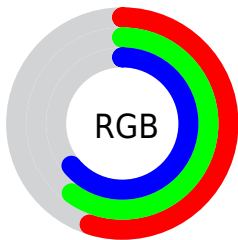
Format	Color
R_{YB}	140, 148, 164
Decimal	9214116
CIE _{Lab}	62.26, -1.73, -7.74
CIE _{LCh}	62, 7.935, 257.407
Yxy	30.7123, 0.2904, 0.3103
Android (android.graphics.Color)	4287404196 (0xFF8C98A4)
YUV	149.7800, 7.0105, -8.5771
Hunter-Lab	55.4187, -4.3991, -3.5037

Details

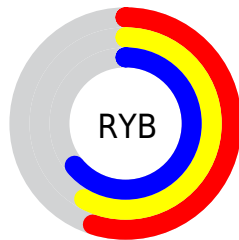
The XYZ color **28.7443, 30.7123, 39.5350** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2718, 32.2422, 29.3867**, and the grayscale version is **28.8715, 30.3751, 33.0785**.

A 20% lighter version of the original color is **57.1056, 60.7264, 75.7294**, and **11.7948, 12.6509, 17.1494** is the 20% darker color. If you saturate the color by 10%, you get **24.8994, 26.8233, 38.9875**, and if you desaturate by 10%, it is **33.0949, 35.0001, 40.1338**.

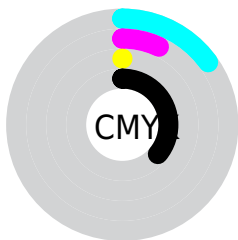
Distribution



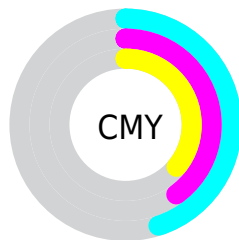
- Red (55%)
- Green (60%)
- Blue (64%)



- Red (55%)
- Yellow (58%)
- Blue (64%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (45%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7443, 30.7123, 39.5350 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 28.7443, 30.7123, 39.5350 by changing the saturation by 10% instead.

■ 28.7443, 30.7123,
39.5350

■ 28.7443, 30.7123,
39.5350

288.0226,
305.2107, 359.6534

■ 19.0308, 20.3799,
26.8652

■ 57.0710, 60.7868,
75.6842

■ 11.7967, 12.6715,
17.2404

■ 76.4148, 81.2977,
100.0007

■ 6.6766, 7.2027,
10.2423

■ 99.6995, 105.9702,
129.0364

■ 3.3052, 3.5892,
5.4522

127.2903,
135.1887, 163.2100

■ 1.3171, 1.4465,
2.4516

159.5527,
169.3376, 202.9400

■ 0.1960, 0.2506,
0.8143

196.8520,

■ 0.0000, 0.0000,

208.8013, 248.6448

0.0000

239.5535,
253.9642, 300.7431

■ 28.7443, 30.7123,
39.5350

■ 28.7443, 30.7123,
39.5350

■ 24.8994, 26.8233,
38.9875

■ 33.0949, 35.0001,
40.1338

■ 21.5374, 23.3164,
38.4878

■ 37.9674, 39.6954,
40.7833

■ 18.6379, 20.1788,
38.0350

■ 43.3803, 44.8111,
41.4854

■ 16.1778, 17.3958,
37.6275

■ 49.3507, 50.3585,
42.2415

■ 14.1316, 14.9513,
37.2635

■ 55.8948, 56.3484,
43.0528

■ 12.4712, 12.8275,
36.9411

■ 63.0279, 62.7911,
43.9204

■ 11.1644, 11.0047,
36.6581

■ 70.7651, 69.6968,
44.8455

■ 10.1722, 9.4593,
36.4121

■ 72.9065, 73.8714,
45.5384

■ 9.7195, 8.7174,
36.2928

■ 75.0801, 78.2188,
46.2630

Harmonies

Analogous

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



27.8190, 30.7123, 37.9745



28.7443, 30.7123, 39.5350



29.8117, 30.7123, 39.3918

Triad

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



28.7443, 30.7123, 39.5350



31.2012, 30.7123, 31.7064



27.7007, 30.7123, 29.6045

Complementary

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



28.7443, 30.7123, 39.5350



31.2718, 32.2422, 29.3867

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.



28.5792, 30.7123, 28.1210



28.7443, 30.7123, 39.5350



30.6076, 30.7123, 29.2826

Square

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



28.7443, 30.7123, 39.5350



31.2481, 30.7123, 34.7433



29.6425, 30.7123, 28.0069



27.2265, 30.7123, 32.1707

Rectangle

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



28.7443, 30.7123, 39.5350



30.4605, 30.7123, 38.3491



29.6425, 30.7123, 28.0069



27.9575, 30.7123, 28.9696

Sweetspot

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



28.7452, 30.7136, 39.5357



60.5408, 63.9866, 72.9121



29.7260, 34.3808, 34.6042



13.1027, 13.8596, 15.9221



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.



28.7452, 30.7136, 39.5357



49.4857, 53.0509, 71.3840



26.9533, 27.1297, 38.9384



6.9794, 7.4178, 8.9670



7.5000, 6.7795, 27.8431



0.2048, 0.2370, 0.6008

Inverse Universe

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



30.3561, 28.9163, 33.6888



53.0875, 49.1743, 58.2793



33.2479, 36.1944, 30.0454



7.2146, 7.1423, 8.1163



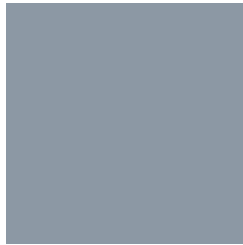
12.9311, 6.5285, 6.8280



0.2956, 0.1467, 0.2691

Previews

White Background



This preview shows how the XYZ color 28.7443, 30.7123, 39.5350 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 28.7443, 30.7123, 39.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

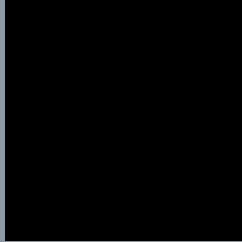
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

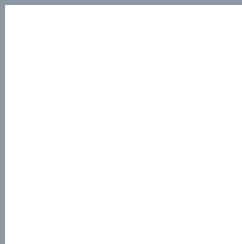
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7443, 30.7123, 39.5350

Background



This preview shows how black text looks on a background with the XYZ color 28.7443, 30.7123, 39.5350.



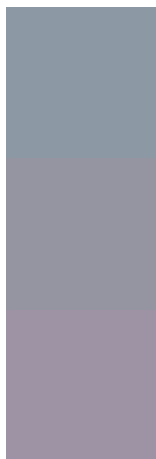
This preview shows how white text looks on a background with the XYZ color 28.7443, 30.7123,

39.5350.

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

28.7443, 30.7123, 39.5350

Protanopia

29.6635, 30.4931, 38.5047

Deuteranopia

31.1710, 30.5435, 39.8499



Tritanopia

28.7443, 30.7123, 39.5350

Trichromacy



Original Color

28.7443, 30.7123, 39.5350

Protanomaly

29.3713, 30.5680, 39.0025

Deuteranomaly

30.1439, 30.4757, 39.8910

Tritanomaly

28.7443, 30.7123, 39.5350

Monochromacy



Original Color

28.7443, 30.7123, 39.5350

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8371, 30.6108, 35.3989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7443, 30.7123, 39.5350 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(140, 152, 164) looks like.

```
.text, #text, p{  
    color:rgb(140, 152, 164)  
}
```

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(140, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 152, 164) }
```

Border

The CSS property to change the border of an element to XYZ 28.7443, 30.7123, 39.5350 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(140, 152, 164) }
```


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

```
.border{ border-color:rgb(140, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(140, 152,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7443, 30.7123, 39.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 152, 164) }
```

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

```
.background{ background-color: rgb(140,  
152, 164) }
```

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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