

Converting Colors

XYZ(28.7814, 30.4493, 41.4086)

Have a look what the booklet for
XYZ(28.7814, 30.4493, 41.4086)
contains.

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Color

**XYZ(28.7820, 30.4493,
41.4061)**

Conversions

Conversions Part 1

Format	Color
Hex	8B97A8
RGB	139, 151, 168
RGB Percent	55%, 59%, 66%
CMY	0.4549, 0.4078, 0.3412
CMYK	0.17, 0.10, 0.00, 0.34
HSL	215°, 14%, 60%
HSV	215°, 17%, 66%
XYZ	28.7820, 30.4493, 41.4061
YIQ	149.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

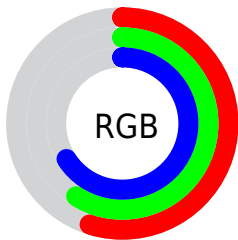
Format	Color
R_{YB}	139, 147, 168
Decimal	9148328
CIE _{Lab}	62.04, -0.62, -10.35
CIE _{LCh}	62, 10.366, 266.584
Yxy	30.4493, 0.2860, 0.3026
Android (android.graphics.Color)	4287338408 (0xFF8B97A8)
YUV	149.3500, 9.1944, -9.0770
Hunter-Lab	55.1809, -3.4621, -5.8628

Details

The XYZ color **28.7820, 30.4493, 41.4061** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6975, 33.9661, 29.2597**, and the grayscale version is **28.6815, 30.1751, 32.8607**.

A 20% lighter version of the original color is **57.1429, 60.3278, 78.4447**, and **11.8294, 12.4991, 18.3121** is the 20% darker color. If you saturate the color by 10%, you get **24.6705, 26.0752, 40.7790**, and if you desaturate by 10%, it is **33.4588, 35.3130, 42.0989**.

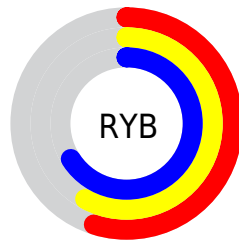
Distribution



Red (55%)

Green (59%)

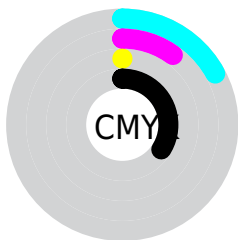
Blue (66%)



Red (55%)

Yellow (58%)

Blue (66%)

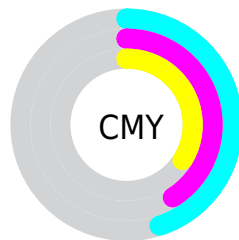


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (34%)



Cyan (45%)

Magenta (41%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7820, 30.4493, 41.4061 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 28.7820, 30.4493, 41.4061 by changing the saturation by 10% instead.

■ 28.7820, 30.4493,
41.4061

■ 28.7820, 30.4493,
41.4061

288.1978,
303.9932, 367.7418

■ 19.0594, 20.1799,
28.3145

■ 57.1305, 60.3720,
78.5603

■ 11.8175, 12.5259,
18.3217

■ 76.4871, 80.7941,
103.4600

■ 6.6908, 7.1029,
11.0094

■ 99.7858, 105.3691,
133.1328

■ 3.3141, 3.5265,
5.9589

127.3920,
134.4816, 167.9972

■ 1.3220, 1.4124,
2.7517

159.6709,
168.5158, 208.4717

■ 0.1996, 0.2258,
0.9693

196.9879,

■ 0.0000, 0.0000,

207.8562, 254.9750

0.0000

239.7084,
252.8872, 307.9255

■ 28.7820, 30.4493,
41.4061

■ 28.7820, 30.4493,
41.4061

■ 24.6705, 26.0752,
40.7790

■ 33.4588, 35.3130,
42.0989

■ 21.0987, 22.1703,
40.2135

■ 38.7197, 40.6781,
42.8572

■ 18.0432, 18.7183,
39.7083

■ 44.5859, 46.5609,
43.6835

■ 15.4773, 15.7004,
39.2610

■ 51.0766, 52.9755,
44.5795

■ 13.3720, 13.0961,
38.8693

■ 58.2104, 59.9358,
45.5470

■ 11.6948, 10.8831,
38.5305

■ 66.0047, 67.4548,
46.5875

■ 10.4084, 9.0362,
38.2418

■ 73.8844, 75.2400,
47.6749

■ 9.4574, 7.5204,
37.9994

■ 76.5446, 80.5604,
48.5616

■ 9.2286, 7.1484,
37.9396

■ 79.3596, 86.1904,
49.5000

Harmonies

Analogous

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



27.4926, 30.4493, 39.9699



28.7820, 30.4493, 41.4061



30.1550, 30.4493, 40.4893

Triad

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



28.7820, 30.4493, 41.4061



31.4003, 30.4493, 29.8420



26.7649, 30.4493, 29.1108

Complementary

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



28.7820, 30.4493, 41.4061



32.6975, 33.9661, 29.2597

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.



27.7603, 30.4493, 26.7631



28.7820, 30.4493, 41.4061



30.4397, 30.4493, 27.1609

Square

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



28.7820, 30.4493, 41.4061



31.6949, 30.4493, 33.6128



29.1009, 30.4493, 26.0785



26.3517, 30.4493, 32.6996

Rectangle

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



28.7820, 30.4493, 41.4061



30.9284, 30.4493, 38.7042



29.1009, 30.4493, 26.0785



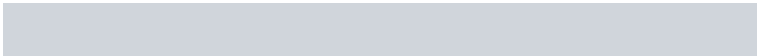
27.0409, 30.4493, 28.1617

Sweetspot

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



28.7829, 30.4506, 41.4068



62.6947, 66.1133, 76.6819



30.6445, 35.8923, 36.7289



13.5299, 14.2715, 16.6937



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.7829, 30.4506, 41.4068



49.0308, 51.8763, 74.6540



27.3568, 26.9926, 40.8145



7.3773, 7.7915, 9.5334



7.0172, 5.4946, 28.6662



0.2215, 0.2352, 0.7144

Inverse Universe

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



30.9678, 29.0253, 33.2497



53.8431, 48.9079, 56.6492



34.3021, 37.9319, 29.9406



7.6550, 7.5919, 8.5006



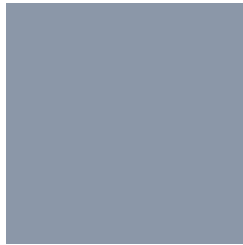
13.0425, 6.6257, 5.0356



0.3430, 0.1715, 0.2574

Previews

White Background



This preview shows how the XYZ color 28.7820, 30.4493, 41.4061 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 28.7820, 30.4493, 41.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

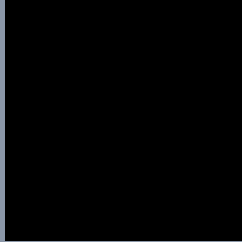
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7820, 30.4493, 41.4061

Background



This preview shows how black text looks on a background with the XYZ color 28.7820, 30.4493, 41.4061.



This preview shows how white text looks on a background with the XYZ color 28.7820, 30.4493,

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

28.7820, 30.4493, 41.4061

Protanopia

29.7551, 30.4880, 40.8757

Deuteranopia

30.9579, 30.3909, 41.7705



Tritanopia

28.4103, 30.5401, 39.5194

Trichromacy



Original Color

28.7820, 30.4493, 41.4061

Protanomaly

29.3830, 30.5320, 40.9038

Deuteranomaly

30.1458, 30.4339, 41.8216

Tritanomaly

28.5010, 30.5764, 39.9970

Monochromacy



Original Color

28.7820, 30.4493, 41.4061

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.5842, 30.2327, 35.7814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7820, 30.4493, 41.4061 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(139, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(139, 151, 168)  
}
```

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(139, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 151, 168) }
```

Border

The CSS property to change the border of an element to XYZ 28.7820, 30.4493, 41.4061 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(139, 151, 168) }
```


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

```
.border{ border-color:rgb(139, 151, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 151, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 151, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 151, 168); box-shadow:4px 4px 4px 4px rgb(139, 151, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7820, 30.4493, 41.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 151, 168) }
```

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

```
.background{ background-color: rgb(139,  
151, 168) }
```

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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