

Converting Colors

XYZ(25.2430, 27.4712, 41.0182)

Have a look what the booklet for
XYZ(25.2430, 27.4712, 41.0182)
contains.

XYZ(25.2319, 27.4499, 41.0143)	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(25.2319, 27.4499,
41.0143)**

Conversions

Conversions Part 1

Format	Color
Hex	7992A8
RGB	121, 146, 168
RGB Percent	47%, 57%, 66%
CMY	0.5255, 0.4274, 0.3412
CMYK	0.28, 0.13, 0.00, 0.34
HSL	208°, 21%, 57%
HSV	208°, 28%, 66%
XYZ	25.2319, 27.4499, 41.0143
YIQ	141.0330, -21.9620, 1.5420

Conversions

Conversions Part 2

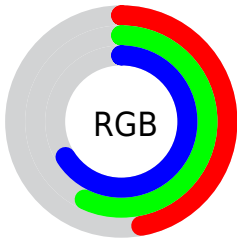
Format	Color
R_{YB}	121, 137, 168
Decimal	7967400
CIE _{Lab}	59.39, -3.60, -14.46
CIE _{LCh}	59, 14.902, 256.007
Yxy	27.4499, 0.2693, 0.2930
Android (android.graphics.Color)	4286157480 (0xFF7992A8)
YUV	141.0330, 13.2947, -17.5689
Hunter-Lab	52.3927, -5.7229, -9.7389

Details

The XYZ color **25.2319, 27.4499, 41.0143** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.4224, 29.3503, 22.2042**, and the grayscale version is **25.2867, 26.6036, 28.9713**.

A 20% lighter version of the original color is **51.4291, 55.6349, 77.8400**, and **9.9338, 10.9663, 18.1161** is the 20% darker color. If you saturate the color by 10%, you get **21.9089, 23.9995, 40.5239**, and if you desaturate by 10%, it is **29.0500, 31.2807, 41.5529**.

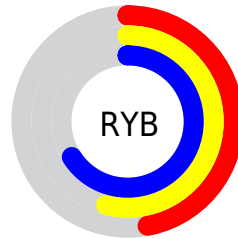
Distribution



Red (47%)

Green (57%)

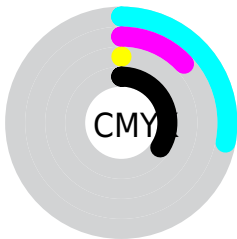
Blue (66%)



Red (47%)

Yellow (54%)

Blue (66%)

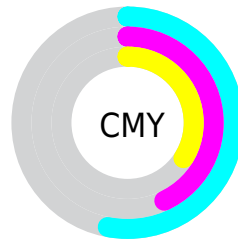


Cyan (28%)

Magenta (13%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (43%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2319, 27.4499, 41.0143 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 25.2319, 27.4499, 41.0143 by changing the saturation by 10% instead.

■ 25.2319, 27.4499,
41.0143

■ 25.2319, 27.4499,
41.0143

271.3172,
289.8289, 366.0588

■ 16.3796, 17.9114,
28.0105

■ 51.4734, 55.6050,
77.9595

■ 9.8857, 10.8864,
18.0944

■ 69.5932, 74.9903,
102.7380

■ 5.3849, 5.9905,
10.8477

■ 91.5329, 98.4268,
132.2784

■ 2.5119, 2.8393,
5.8516

117.6579,
126.2987, 166.9993

■ 0.9013, 1.0484,
2.6877

148.3335,
158.9905, 207.3193

■ 0.0000, 0.0000,
0.9372

183.9250,

■ 0.0000, 0.0000,

196.8865, 253.6568

0.0000

224.7978,
240.3712, 306.4305

■ 25.2319, 27.4499,
41.0143

■ 25.2319, 27.4499,
41.0143

■ 21.9089, 23.9995,
40.5239

■ 29.0500, 31.2807,
41.5529

■ 19.0555, 20.9118,
40.0783

■ 33.3820, 35.5019,
42.1394

■ 16.6478, 18.1726,
39.6765

■ 38.2488, 40.1274,
42.7757

■ 14.6582, 15.7651,
39.3167

■ 43.6692, 45.1690,
43.4631

■ 13.0561, 13.6707,
38.9969

■ 49.6613, 50.6383,
44.2030

■ 11.8057, 11.8683,
38.7149

■ 56.2420, 56.5463,
44.9965

■ 10.8482, 10.3245,
38.4673

■ 63.4278, 62.9035,
45.8448

■ 10.6711, 10.0334,
38.4205

■ 71.0861, 69.6435,
46.7422

■ 73.0622, 73.5956,
47.4008

Harmonies

Analogous

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



23.6757, 27.4499, 37.9109



25.2319, 27.4499, 41.0143



27.0927, 27.4499, 40.8990

Triad

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



25.2319, 27.4499, 41.0143



29.6950, 27.4499, 27.1422



23.5922, 27.4499, 23.3014

Complementary

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



25.2319, 27.4499, 41.0143



29.4224, 29.3503, 22.2042

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.



25.1130, 27.4499, 21.0556



25.2319, 27.4499, 41.0143



28.6638, 27.4499, 23.0857

Square

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



25.2319, 27.4499, 41.0143



29.7306, 27.4499, 32.4437



26.9680, 27.4499, 20.9817



22.7600, 27.4499, 27.4707

Rectangle

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



25.2319, 27.4499, 41.0143



28.2579, 27.4499, 38.9996



26.9680, 27.4499, 20.9817



24.0365, 27.4499, 22.3195

Sweetspot

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



25.2327, 27.4510, 41.0149



60.4331, 64.2854, 76.4482



26.8412, 34.0519, 31.1187



12.9093, 13.7583, 16.6274



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.



25.2327, 27.4510, 41.0149



41.6807, 45.5743, 73.8250



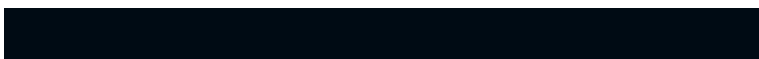
21.9829, 20.9513, 39.9317



7.4498, 7.9364, 9.5576



8.1100, 7.6803, 29.0305



0.2478, 0.2879, 0.7232

Inverse Universe

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



28.1748, 24.0755, 30.3575



48.0831, 38.7550, 50.5145



33.3153, 37.1361, 23.5018



7.6916, 7.6065, 8.6932



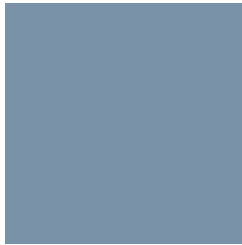
13.5942, 6.8464, 7.9404



0.3562, 0.1768, 0.3275

Previews

White Background



This preview shows how the XYZ color 25.2319, 27.4499, 41.0143 looks on a white background.

Color Contrast Check

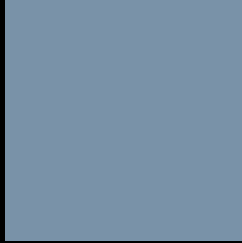
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2319, 27.4499, 41.0143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

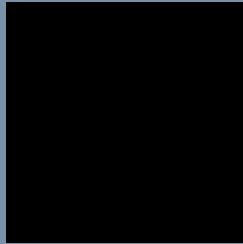
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

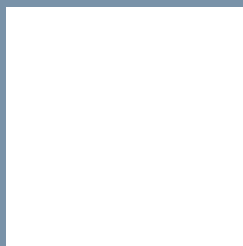
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2319, 27.4499, 41.0143

Background



This preview shows how black text looks on a background with the XYZ color 25.2319, 27.4499, 41.0143.



This preview shows how white text looks on a background with the XYZ color 25.2319, 27.4499,

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

25.2319, 27.4499, 41.0143

Protanopia

26.9458, 27.4659, 39.4786

Deuteranopia

27.7217, 27.1695, 41.3193



Tritanopia

24.2995, 27.2926, 36.7882

Trichromacy



Original Color

25.2319, 27.4499, 41.0143

Protanomaly

26.2211, 27.3036, 39.9645

Deuteranomaly

26.8261, 27.3615, 41.4035

Tritanomaly

24.7010, 27.4691, 38.1826

Monochromacy



Original Color

25.2319, 27.4499, 41.0143

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2399, 26.9476, 33.1493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2319, 27.4499, 41.0143 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(121, 146, 168)` looks like.

```
.text, #text, p{  
    color:rgb(121, 146, 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(121, 146, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 146, 168) }
```

Border

The CSS property to change the border of an element to XYZ 25.2319, 27.4499, 41.0143 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(121, 146, 168) }
```


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

```
.border{ border-color:rgb(121, 146, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 146, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 146, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 146, 168);  
box-shadow:4px 4px 4px 4px rgb(121, 146,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2319, 27.4499, 41.0143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 146, 168) }
```

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

```
.background{ background-color: rgb(121,  
146, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor