

Converting Colors

XYZ(14.4339, 16.0523, 28.2449)

Have a look what the booklet for
XYZ(14.4339, 16.0523, 28.2449)
contains.

XYZ(14.3969, 15.9501, 28.3065)	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(14.3969, 15.9501,
28.3065)**

Conversions

Conversions Part 1

Format	Color
Hex	50738F
RGB	80, 115, 143
RGB Percent	31%, 45%, 56%
CMY	0.6863, 0.5490, 0.4392
CMYK	0.44, 0.20, 0.00, 0.44
HSL	207°, 28%, 44%
HSV	207°, 44%, 56%
XYZ	14.3969, 15.9501, 28.3065
YIQ	107.7270, -29.8480, 1.2880

Conversions

Conversions Part 2

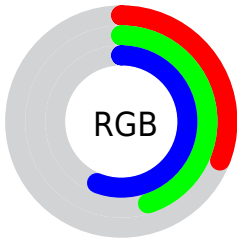
Format	Color
R_{YB}	80, 103, 143
Decimal	5272463
CIE _{Lab}	46.91, -4.63, -19.18
CIE _{LCh}	47, 19.732, 256.433
Yxy	15.9501, 0.2455, 0.2719
Android (android.graphics.Color)	4283462543 (0xFF50738F)
YUV	107.7270, 17.3896, -24.3166
Hunter-Lab	39.9376, -5.5442, -14.0666

Details

The XYZ color **14.3969, 15.9501, 28.3065** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **18.1386, 17.1443, 9.9431**, and the grayscale version is **14.1368, 14.8730, 16.1967**.

A 20% lighter version of the original color is **33.4125, 36.5742, 58.1218**, and **4.4618, 5.0515, 11.0958** is the 20% darker color. If you saturate the color by 10%, you get **12.6158, 13.9932, 28.0229**, and if you desaturate by 10%, it is **16.4861, 18.1407, 28.6195**.

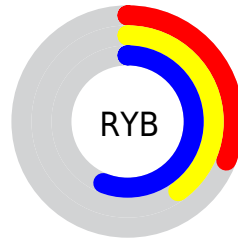
Distribution



 Red (31%)

 Green (45%)

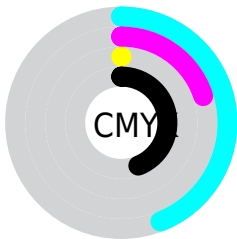
 Blue (56%)




 Red (31%)

 Yellow (40%)

 Blue (56%)

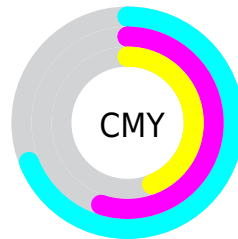


 Cyan (44%)


 Magenta (20%)

 Yellow (0%)

 Black (44%)



 Cyan (69%)

 Magenta (55%)

 Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3969, 15.9501, 28.3065 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 14.3969, 15.9501, 28.3065 by changing the saturation by 10% instead.

■ 14.3969, 15.9501,
28.3065

■ 14.3969, 15.9501,
28.3065

213.1477,
229.0471, 307.8865

■ 8.4808, 9.4888,
18.3158

■ 33.3720, 36.5116,
58.0024

■ 4.4585, 5.0614,
11.0052

■ 47.1618, 51.3805,
78.5446

■ 1.9646, 2.2833,
5.9561

■ 64.3067, 69.8209,
103.4412

■ 0.6140, 0.7649,
2.7500

■ 85.1723, 92.2170,
133.1105

■ 0.0000, 0.0000,
0.9685

■ 110.1238,
118.9533, 167.9711

■ 0.0000, 0.0000,
0.0000

139.5267,

150.4142, 208.4416

173.7462,
186.9840, 254.9406

■ 14.3969, 15.9501,
28.3065

■ 14.3969, 15.9501,
28.3065

■ 12.6158, 13.9932,
28.0229

■ 16.4861, 18.1407,
28.6195

■ 11.1236, 12.2576,
27.7666

■ 18.8977, 20.5728,
28.9618

■ 9.9016, 10.7324,
27.5366

■ 21.6470, 23.2561,
29.3349

■ 8.9277, 9.4047,
27.3317

■ 24.7479, 26.1990,
29.7395

■ 8.1749, 8.2590,
27.1502

■ 28.2135, 29.4096,
30.1765

■ 7.7863, 7.6397,
27.0511

■ 32.0559, 32.8955,
30.6469

■ 36.2870, 36.6641,
31.1513

■ 40.9179, 40.7223,
31.6905

■ 45.9594, 45.0770,
32.2653

Harmonies

Analogous

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



12.9916, 15.9501, 25.1799



14.3969, 15.9501, 28.3065



16.1158, 15.9501, 28.1369

Triad

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



14.3969, 15.9501, 28.3065



18.5612, 15.9501, 14.8212



12.8863, 15.9501, 11.6192

Complementary

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



14.3969, 15.9501, 28.3065



18.1386, 17.1443, 9.9431

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.



14.2430, 15.9501, 9.7698



14.3969, 15.9501, 28.3065



17.5574, 15.9501, 11.3646

Square

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



14.3969, 15.9501, 28.3065



18.6103, 15.9501, 19.6866



15.9498, 15.9501, 9.6864



12.1650, 15.9501, 15.2370

Rectangle

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



14.3969, 15.9501, 28.3065



17.2118, 15.9501, 26.1635



15.9498, 15.9501, 9.6864



13.2783, 15.9501, 10.8028

Sweetspot

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



14.3974, 15.9507, 28.3069



39.1761, 42.0416, 52.5881



15.8008, 22.4186, 17.4877



8.7421, 9.4082, 12.0274



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.3974, 15.9507, 28.3069



22.5733, 25.0375, 50.1810



11.4525, 10.0609, 27.3252



5.3624, 5.7205, 6.8503



6.9056, 6.7971, 23.9251



0.0880, 0.1090, 0.2361

Inverse Universe

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



17.2913, 12.8152, 17.7825



28.6394, 19.3161, 27.9292



21.9797, 24.8266, 11.2234



5.5264, 5.4711, 6.2699



11.2887, 5.6725, 7.1717



0.1190, 0.0587, 0.1271

Previews

White Background



This preview shows how the XYZ color 14.3969, 15.9501, 28.3065 looks on a white 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

Black Background



This preview shows how the XYZ color 14.3969, 15.9501, 28.3065 looks on a black 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

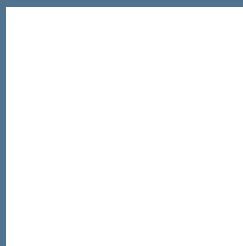
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3969, 15.9501, 28.3065

Background



This preview shows how black text looks on a background with the XYZ color 14.3969, 15.9501, 28.3065.

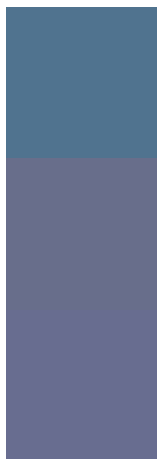


This preview shows how white text looks on a background with the XYZ color 14.3969, 15.9501,

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

14.3969, 15.9501, 28.3065

Protanopia

15.9451, 15.9590, 26.6661

Deuteranopia

16.2116, 15.8940, 28.5990



Tritanopia

13.2897, 16.0257, 22.4715

Trichromacy



Original Color

14.3969, 15.9501, 28.3065

Protanomaly

15.2471, 15.9147, 27.0792

Deuteranomaly

15.4378, 15.8154, 28.6246

Tritanomaly

13.6555, 15.9938, 24.5577

Monochromacy



Original Color

14.3969, 15.9501, 28.3065

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1726, 15.3460, 20.3043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3969, 15.9501, 28.3065 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(80, 115, 143)` looks like.

```
.text, #text, p{  
    color:rgb(80, 115, 143)  
}
```

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(80, 115, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 115, 143) }
```

Border

The CSS property to change the border of an element to XYZ 14.3969, 15.9501, 28.3065 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(80, 115, 143) }
```


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

```
.border{ border-color:rgb(80, 115, 143) }
```

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

Here you see how a box with a 4 pixel rgb(80, 115, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 115, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 115, 143);  
box-shadow:4px 4px 4px 4px rgb(80, 115,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3969, 15.9501, 28.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 115, 143) }
```

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

```
.background{ background-color: rgb(80, 115,  
143) }
```

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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