

Converting Colors

XYZ(14.3224, 14.0108, 27.9361)

Have a look what the booklet for
XYZ(14.3224, 14.0108, 27.9361)
contains.

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Color

**XYZ(14.3224, 14.0108,
27.9361)**

Conversions

Conversions Part 1

Format	Color
Hex	5D678F
RGB	93, 103, 143
RGB Percent	36%, 40%, 56%
CMY	0.6353, 0.5961, 0.4392
CMYK	0.35, 0.28, 0.00, 0.44
HSL	228°, 21%, 46%
HSV	228°, 35%, 56%
XYZ	14.3224, 14.0108, 27.9361
YIQ	104.5700, -18.8000, 10.3200

Conversions

Conversions Part 2

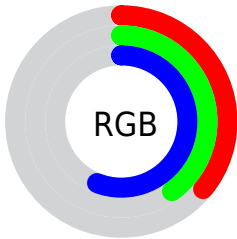
Format	Color
R _Y B	93, 101, 143
Decimal	6121359
CIE Lab	44.25, 6.38, -23.21
CIE LCh	44, 24.070, 285.367
Yxy	14.0108, 0.2545, 0.2490
Android (android.graphics.Color)	4284311439 (0xFF5D678F)
YUV	104.5700, 18.9460, -10.1469
Hunter-Lab	37.4310, 2.7960, -18.0486

Details

The XYZ color **14.3224, 14.0108, 27.9361** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.6915, 23.4055, 13.7310**, and the grayscale version is **13.2657, 13.9566, 15.1987**.

A 20% lighter version of the original color is **33.3107, 33.1622, 57.4686**, and **4.3846, 4.1365, 10.6925** is the 20% darker color. If you saturate the color by 10%, you get **11.9470, 11.2113, 27.5212**, and if you desaturate by 10%, it is **17.1251, 17.2624, 28.4162**.

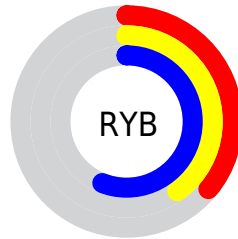
Distribution



Red (36%)

Green (40%)

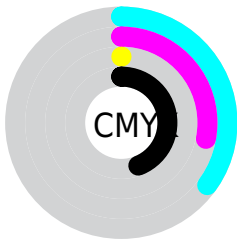
Blue (56%)



Red (36%)

Yellow (40%)

Blue (56%)

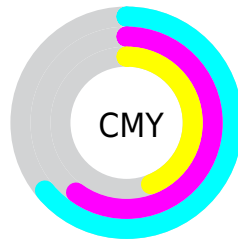


Cyan (35%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3224, 14.0108, 27.9361 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 14.3224, 14.0108, 27.9361 by changing the saturation by 10% instead.

■ 14.3224, 14.0108,
27.9361

■ 14.3224, 14.0108,
27.9361

212.6981,
217.2980, 306.0638

■ 8.4284, 8.1282,
18.0389

■ 33.2415, 33.1082,
57.4043

■ 4.4244, 4.1771,
10.8082

■ 46.9974, 47.0917,
77.8123

■ 1.9449, 1.7731,
5.8254

■ 64.1045, 64.5444,
102.5610

■ 0.6027, 0.4703,
2.6722

■ 84.9284, 85.8506,
132.0690

■ 0.0000, 0.0000,
0.9294

109.8344,
111.3946, 166.7547

■ 0.0000, 0.0000,
0.0000

139.1877,

141.5609, 207.0367

173.3538,
176.7339, 253.3335

■ 14.3224, 14.0108,
27.9361

■ 14.3224, 14.0108,
27.9361

■ 11.9470, 11.2113,
27.5212

■ 17.1251, 17.2624,
28.4162

■ 9.9762, 8.8418,
27.1677

■ 20.3737, 20.9834,
28.9633

■ 8.3870, 6.8810,
26.8730

■ 24.0871, 25.1924,
29.5800

■ 7.1537, 5.3049,
26.6338

■ 28.2830, 29.9063,
30.2687

■ 6.2472, 4.0866,
26.4464

■ 32.9778, 35.1413,
31.0317

■ 5.6305, 3.1945,
26.3067

■ 38.1876, 40.9128,
31.8711

■ 5.3876, 2.8424,
26.2515

■ 43.9272, 47.2355,
32.7890

■ 50.2114, 54.1237,
33.7874

■ 57.0539, 61.5910,
34.8681

Harmonies

Analogous

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



12.4031, 14.0108, 27.9887



14.3224, 14.0108, 27.9361



16.1295, 14.0108, 23.9848

Triad

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



14.3224, 14.0108, 27.9361



16.0915, 14.0108, 8.8848



10.0457, 14.0108, 12.7300

Complementary

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



14.3224, 14.0108, 27.9361



21.6915, 23.4055, 13.7310

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.



10.8518, 14.0108, 8.9519



14.3224, 14.0108, 27.9361



14.2744, 14.0108, 7.1231

Square

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



14.3224, 14.0108, 27.9361



17.2160, 14.0108, 12.6142



12.3595, 14.0108, 7.1442



10.0559, 14.0108, 18.2417

Rectangle

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



14.3224, 14.0108, 27.9361



16.9743, 14.0108, 20.1163



12.3595, 14.0108, 7.1442



10.2265, 14.0108, 11.2483

Sweetspot

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



14.3229, 14.0113, 27.9364



39.5402, 41.0488, 52.3772



18.5707, 23.6659, 25.7799



8.8774, 9.1978, 11.9797



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.



14.3229, 14.0113, 27.9364



22.2172, 21.0536, 49.4308



15.0572, 13.0006, 27.7026



5.2115, 5.4189, 6.8000



4.7763, 2.5387, 23.2154



0.0585, 0.0500, 0.2262

Inverse Universe

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



17.6907, 14.6482, 14.7274



29.2583, 22.6213, 21.7616



20.7007, 25.0248, 14.0958



5.4503, 5.4406, 5.8690



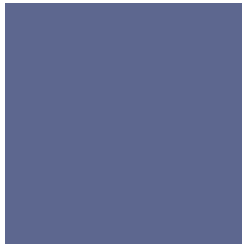
10.2140, 5.2426, 1.5122



0.1041, 0.0527, 0.0486

Previews

White Background



This preview shows how the XYZ color 14.3224, 14.0108, 27.9361 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 14.3224, 14.0108, 27.9361 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

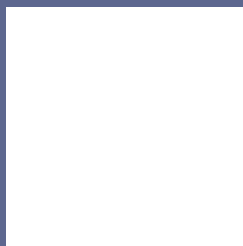
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3224, 14.0108, 27.9361

Background



This preview shows how black text looks on a background with the XYZ color 14.3224, 14.0108, 27.9361.



This preview shows how white text looks on a background with the XYZ color 14.3224, 14.0108,

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

14.3224, 14.0108, 27.9361

Protanopia

14.3224, 14.0108, 27.9361

Deuteranopia

14.3224, 14.0108, 27.9361



Tritanopia

12.5039, 14.0357, 18.8798

Trichromacy



Original Color

14.3224, 14.0108, 27.9361

Protanomaly

14.3224, 14.0108, 27.9361

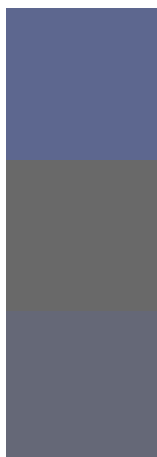
Deuteranomaly

14.3224, 14.0108, 27.9361

Tritanomaly

13.0398, 13.9383, 21.7418

Monochromacy



Original Color

14.3224, 14.0108, 27.9361

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6469, 13.9992, 19.4356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3224, 14.0108, 27.9361 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(93, 103, 143) looks like.

```
.text, #text, p{  
    color:rgb(93, 103, 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(93, 103, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 103, 143) }
```

Border

The CSS property to change the border of an element to XYZ 14.3224, 14.0108, 27.9361 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(93, 103, 143) }
```


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

```
.border{ border-color:rgb(93, 103, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 103, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 103, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 103, 143);  
box-shadow:4px 4px 4px 4px rgb(93, 103,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3224, 14.0108, 27.9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 103, 143) }
```

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

```
.background{ background-color: rgb(93, 103,  
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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