

Converting Colors

XYZ(13.9563, 13.0051, 28.1605)

Have a look what the booklet for
XYZ(13.9563, 13.0051, 28.1605)
contains.

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Color

**XYZ(13.9248, 12.9427,
28.1498)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6190
RGB	94, 97, 144
RGB Percent	37%, 38%, 56%
CMY	0.6314, 0.6196, 0.4353
CMYK	0.35, 0.33, 0.00, 0.44
HSL	236°, 21%, 47%
HSV	236°, 35%, 56%
XYZ	13.9248, 12.9427, 28.1498
YIQ	101.4610, -16.8750, 13.9810

Conversions

Conversions Part 2

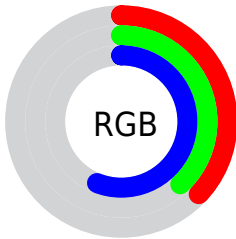
Format	Color
R_{YB}	94, 97, 144
Decimal	6185360
CIE _{Lab}	42.68, 10.67, -26.24
CIE _{LCh}	43, 28.328, 292.122
Yxy	12.9427, 0.2531, 0.2352
Android (android.graphics.Color)	4284375440 (0xFF5E6190)
YUV	101.4610, 20.9717, -6.5433
Hunter-Lab	35.9760, 6.1320, -21.2090

Details

The XYZ color **13.9248, 12.9427, 28.1498** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.0471, 25.7873, 14.3528**, and the grayscale version is **12.4398, 13.0876, 14.2524**.

A 20% lighter version of the original color is **32.4808, 31.0556, 57.7085**, and **4.2418, 3.7159, 10.8496** is the 20% darker color. If you saturate the color by 10%, you get **11.4379, 9.9599, 27.7054**, and if you desaturate by 10%, it is **16.9016, 16.4954, 28.6789**.

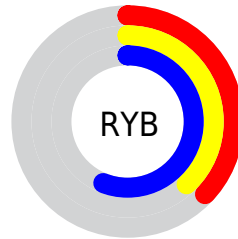
Distribution



Red (37%)

Green (38%)

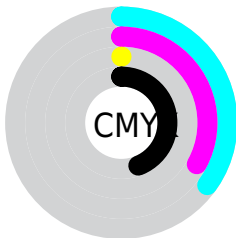
Blue (56%)



Red (37%)

Yellow (38%)

Blue (56%)

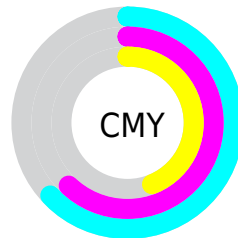


Cyan (35%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9248, 12.9427, 28.1498 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 13.9248, 12.9427, 28.1498 by changing the saturation by 10% instead.

■ 13.9248, 12.9427,
28.1498

■ 13.9248, 12.9427,
28.1498

210.2825,
210.5501, 307.1165

■ 8.1497, 7.3891,
18.1986

■ 32.5429, 31.2008,
57.7495

■ 4.2435, 3.7066,
10.9217

■ 46.1167, 44.6741,
78.2351

■ 1.8408, 1.5108,
5.9007

■ 63.0207, 61.5561,
103.0691

■ 0.5421, 0.2963,
2.7170

■ 83.6204, 82.2311,
132.6703

■ 0.0000, 0.0000,
0.9520

108.2810,
107.0837, 167.4571

■ 0.0000, 0.0000,
0.0000

137.3680,

136.4981, 207.8480

171.2467,
170.8588, 254.2616

■ 13.9248, 12.9427,
28.1498

■ 13.9248, 12.9427,
28.1498

■ 11.4379, 9.9599,
27.7054

■ 16.9016, 16.4954,
28.6789

■ 9.4132, 7.5159,
27.3403

■ 20.3911, 20.6439,
29.2957

■ 7.8227, 5.5790,
27.0503

■ 24.4164, 25.4143,
30.0043

■ 6.6345, 4.1134,
26.8301

■ 28.9987, 30.8309,
30.8083

■ 5.8123, 3.0788,
26.6737

■ 34.1582, 36.9165,
31.7110

■ 5.3114, 2.4270,
26.5743

■ 39.9140, 43.6928,
32.7156

■ 5.1279, 2.2012,
26.5404

■ 46.2843, 51.1806,
33.8252

■ 53.2865, 59.3998,
35.0426

■ 60.9375, 68.3695,
36.3706

Harmonies

Analogous

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



11.7437, 12.9427, 29.3720



13.9248, 12.9427, 28.1498



15.8612, 12.9427, 22.6821

Triad

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



13.9248, 12.9427, 28.1498



15.0181, 12.9427, 6.6614



8.6446, 12.9427, 12.5312

Complementary

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



13.9248, 12.9427, 28.1498



23.0471, 25.7873, 14.3528

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.



9.3189, 12.9427, 8.0019



13.9248, 12.9427, 28.1498



12.8770, 12.9427, 5.3178

Square

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



13.9248, 12.9427, 28.1498



16.5420, 12.9427, 10.0880



10.8098, 12.9427, 5.7245



8.8560, 12.9427, 19.0369

Rectangle

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



13.9248, 12.9427, 28.1498



16.6698, 12.9427, 18.0480



10.8098, 12.9427, 5.7245



8.7722, 12.9427, 10.7616

Sweetspot

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



13.9253, 12.9432, 28.1501



39.0518, 40.0721, 52.2145



19.3726, 24.2396, 28.7274



8.7535, 8.9500, 11.9384



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.



13.9253, 12.9432, 28.1501



20.9263, 18.4718, 49.0005



16.1953, 13.7097, 28.1784



5.1540, 5.3037, 6.7808



4.4718, 1.9296, 23.1138



0.0469, 0.0267, 0.2224

Inverse Universe

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



17.6623, 14.7982, 13.2352



28.6067, 22.3606, 18.3305



20.0673, 24.9169, 14.3419



5.4212, 5.4290, 5.7160



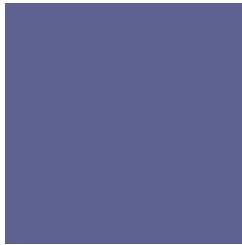
10.0603, 5.1811, 0.7027



0.0983, 0.0504, 0.0177

Previews

White Background



This preview shows how the XYZ color 13.9248, 12.9427, 28.1498 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 13.9248, 12.9427, 28.1498 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 13.9248, 12.9427, 28.1498

Background



This preview shows how black text looks on a background with the XYZ color 13.9248, 12.9427, 28.1498.



This preview shows how white text looks on a background with the XYZ color 13.9248, 12.9427,

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

13.9248, 12.9427, 28.1498

Protanopia

13.4879, 12.9774, 28.9881

Deuteranopia

13.2614, 13.0288, 27.8025



Tritanopia

11.7054, 12.8966, 17.2016

Trichromacy



Original Color

13.9248, 12.9427, 28.1498

Protanomaly

13.5983, 12.9035, 28.5620

Deuteranomaly

13.4443, 12.9816, 27.7837

Tritanomaly

12.5082, 12.9363, 20.9065

Monochromacy



Original Color

13.9248, 12.9427, 28.1498

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.8051, 12.9954, 18.6631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9248, 12.9427, 28.1498 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(94, 97, 144) looks like.

```
.text, #text, p{  
    color:rgb(94, 97, 144)  
}
```

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(94, 97, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 97, 144) }
```

Border

The CSS property to change the border of an element to XYZ 13.9248, 12.9427, 28.1498 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(94, 97, 144) }
```


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

```
.border{ border-color:rgb(94, 97, 144) }
```

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

Here you see how a box with a 4 pixel rgb(94, 97, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 97, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 97, 144);  
box-shadow:4px 4px 4px 4px rgb(94, 97,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9248, 12.9427, 28.1498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 97, 144) }
```

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

```
.background{ background-color: rgb(94, 97,  
144) }
```

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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