

Converting Colors

XYZ(13.9001, 12.3682, 29.2584)

Have a look what the booklet for
XYZ(13.9001, 12.3682, 29.2584)
contains.

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Color

**XYZ(13.9001, 12.3682,
29.2584)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5D93
RGB	95, 93, 147
RGB Percent	37%, 36%, 58%
CMY	0.6274, 0.6353, 0.4235
CMYK	0.35, 0.37, 0.00, 0.42
HSL	242°, 22%, 47%
HSV	242°, 37%, 58%
XYZ	13.9001, 12.3682, 29.2584
YIQ	99.7540, -16.1420, 17.2180

Conversions

Conversions Part 2

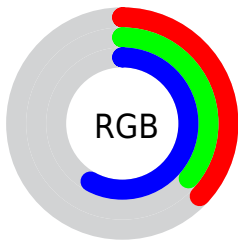
Format	Color
R _Y B	95, 93, 147
Decimal	6249875
CIE Lab	41.80, 14.31, -29.41
CIE LCh	42, 32.710, 295.944
Yxy	12.3682, 0.2503, 0.2227
Android (android.graphics.Color)	4284439955 (0xFF5F5D93)
YUV	99.7540, 23.2923, -4.1693
Hunter-Lab	35.1685, 9.0062, -24.7084

Details

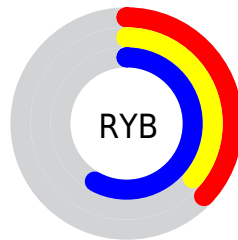
The XYZ color **13.9001, 12.3682, 29.2584** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.0868, 27.6777, 14.4292**, and the grayscale version is **11.9965, 12.6212, 13.7445**.

A 20% lighter version of the original color is **32.3977, 30.0650, 59.3539**, and **4.2100, 3.4354, 11.5075** is the 20% darker color. If you saturate the color by 10%, you get **11.3926, 9.3409, 28.8065**, and if you desaturate by 10%, it is **16.9238, 16.0302, 29.8061**.

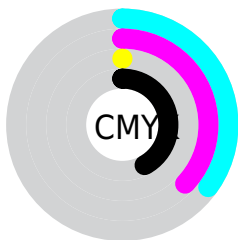
Distribution



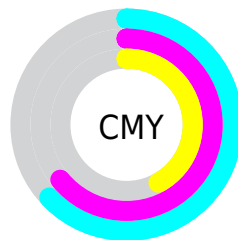
- Red (37%)
- Green (36%)
- Blue (58%)



- Red (37%)
- Yellow (36%)
- Blue (58%)



- Cyan (35%)
- Magenta (37%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9001, 12.3682, 29.2584 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 13.9001, 12.3682, 29.2584 by changing the saturation by 10% instead.

■ 13.9001, 12.3682,
29.2584

■ 13.9001, 12.3682,
29.2584

210.1315,
206.8279, 312.5312

■ 8.1325, 6.9950,
19.0291

■ 32.4994, 30.1640,
59.5345

■ 4.2323, 3.4589,
11.5143

■ 46.0618, 43.3553,
80.4183

■ 1.8344, 1.3758,
6.2954

■ 62.9531, 59.9214,
105.6908

■ 0.5383, 0.1988,
2.9538

■ 83.5388, 80.2467,
135.7704

■ 0.0000, 0.0000,
1.0711

108.1841,
104.7156, 171.0757

■ 0.0000, 0.0000,
0.0000

137.2544,

133.7125, 212.0253

171.1151,
167.6218, 259.0376

■ 13.9001, 12.3682,
29.2584

■ 13.9001, 12.3682,
29.2584

■ 11.3926, 9.3409,
28.8065

■ 16.9238, 16.0302,
29.8061

■ 9.3711, 6.9110,
28.4440

■ 20.4888, 20.3587,
30.4537

■ 7.8046, 5.0394,
28.1653

■ 24.6202, 25.3851,
31.2061

■ 6.6577, 3.6816,
27.9636

■ 29.3414, 31.1382,
32.0677

■ 5.8900, 2.7865,
27.8313

■ 34.6740, 37.6453,
33.0427

■ 5.4446, 2.2758,
27.7562

■ 40.6390, 44.9323,
34.1348

■ 5.3346, 2.1417,
27.7362

■ 47.2560, 53.0239,
35.3479

■ 54.5440, 61.9435,
36.6855

■ 62.5212, 71.7140,
38.1509

Harmonies

Analogous

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



11.4311, 12.3682, 31.4996



13.9001, 12.3682, 29.2584



16.0245, 12.3682, 22.3422

Triad

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



13.9001, 12.3682, 29.2584



14.5441, 12.3682, 5.1968



7.7151, 12.3682, 12.5506

Complementary

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



13.9001, 12.3682, 29.2584



24.0868, 27.6777, 14.4292

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.



8.3214, 12.3682, 7.3219



13.9001, 12.3682, 29.2584



12.0861, 12.3682, 4.0971

Square

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



13.9001, 12.3682, 29.2584



16.4305, 12.3682, 8.4582



9.8439, 12.3682, 4.7153



8.0640, 12.3682, 20.1420

Rectangle

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



13.9001, 12.3682, 29.2584



16.8440, 12.3682, 16.9512



9.8439, 12.3682, 4.7153



7.8115, 12.3682, 10.4960

Sweetspot

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



13.9005, 12.3687, 29.2587



40.6389, 41.2588, 55.2564



19.9370, 24.7460, 31.3296



9.0723, 9.1695, 12.5766



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



13.9005, 12.3687, 29.2587



21.1570, 17.6378, 51.7239



17.1789, 14.0587, 29.4121



5.5182, 5.6426, 7.2680



4.6296, 1.8592, 24.0459



0.0606, 0.0248, 0.2945

Inverse Universe

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



21.0581, 16.0765, 28.7815



35.9084, 25.2817, 50.6397



19.9082, 25.5236, 14.2337



6.0261, 5.9055, 7.2438



14.6377, 7.0601, 22.6370



0.1815, 0.0873, 0.2893

Previews

White Background



This preview shows how the XYZ color 13.9001, 12.3682, 29.2584 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 13.9001, 12.3682, 29.2584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

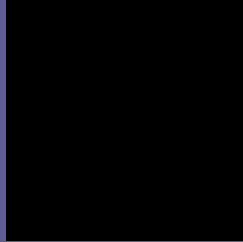
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9001, 12.3682, 29.2584

Background



This preview shows how black text looks on a background with the XYZ color 13.9001, 12.3682, 29.2584.



This preview shows how white text looks on a background with the XYZ color 13.9001, 12.3682,

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

13.9001, 12.3682, 29.2584

Protanopia

13.0880, 12.4569, 30.5688

Deuteranopia

12.6979, 12.4304, 28.9242



Tritanopia

11.2517, 12.3899, 16.2665

Trichromacy



Original Color

13.9001, 12.3682, 29.2584

Protanomaly

13.3540, 12.4670, 30.1363

Deuteranomaly

13.0273, 12.3259, 28.8866

Tritanomaly

12.0627, 12.2893, 20.4752

Monochromacy



Original Color

13.9001, 12.3682, 29.2584

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.5226, 12.4304, 18.5689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9001, 12.3682, 29.2584 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(95, 93, 147) looks like.

```
.text, #text, p{  
    color:rgb(95, 93, 147)  
}
```

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(95, 93, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 93, 147) }
```

Border

The CSS property to change the border of an element to XYZ 13.9001, 12.3682, 29.2584 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(95, 93, 147) }
```


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

```
.border{ border-color:rgb(95, 93, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 93, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 93, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 93, 147);  
box-shadow:4px 4px 4px 4px rgb(95, 93,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9001, 12.3682, 29.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 93, 147) }
```

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

```
.background{ background-color: rgb(95, 93,  
147) }
```

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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