

Converting Colors

XYZ(15.9527, 14.2651, 18.6071)

Have a look what the booklet for
XYZ(15.9527, 14.2651, 18.6071)
contains.

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Color

**XYZ(15.9430, 14.1937,
18.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6175
RGB	125, 97, 117
RGB Percent	49%, 38%, 46%
CMY	0.5098, 0.6196, 0.5412
CMYK	0.00, 0.22, 0.06, 0.51
HSL	317°, 13%, 44%
HSV	317°, 22%, 49%
XYZ	15.9430, 14.1937, 18.7290
YIQ	107.6520, 10.2680, 12.1560

Conversions

Conversions Part 2

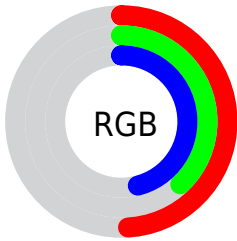
Format	Color
R_{YB}	125, 97, 117
Decimal	8216949
CIE Lab	44.51, 14.93, -6.90
CIE LCh	45, 16.450, 335.194
Yxy	14.1937, 0.3263, 0.2905
Android (android.graphics.Color)	4286407029 (0xFF7D6175)
YUV	107.6520, 4.6086, 15.2142
Hunter-Lab	37.6745, 9.6067, -3.1025

Details

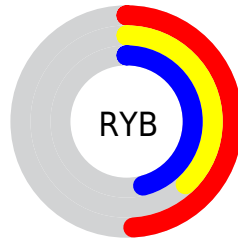
The XYZ color **15.9430, 14.1937, 18.7290** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8137, 18.2289, 16.1031**, and the grayscale version is **14.1424, 14.8789, 16.2031**.

A 20% lighter version of the original color is **36.1114, 33.5094, 42.1008**, and **5.1953, 4.2474, 6.1762** is the 20% darker color. If you saturate the color by 10%, you get **14.6719, 11.9810, 17.2890**, and if you desaturate by 10%, it is **17.4050, 16.7749, 20.2725**.

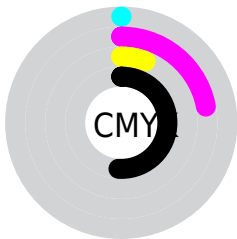
Distribution



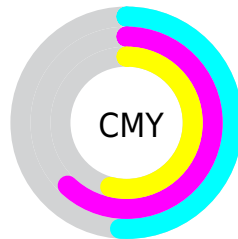
- Red (49%)
- Green (38%)
- Blue (46%)



- Red (49%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9430, 14.1937, 18.7290 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 15.9430, 14.1937, 18.7290 by changing the saturation by 10% instead.

■ 15.9430, 14.1937,
18.7290

■ 15.9430, 14.1937,
18.7290

222.2821,
218.4325, 257.3213

■ 9.5744, 8.2555,
11.2998

■ 36.0575, 33.4323,
42.1062

■ 5.1778, 4.2589,
6.1522

■ 50.5341, 47.5016,
58.8914

■ 2.3878, 1.8194,
2.8675

■ 68.4440, 65.0499,
79.6322

■ 0.8390, 0.4992,
1.0274

■ 90.1528, 86.4618,
104.7473

■ 0.0000, 0.0000,
0.0000

116.0256,
112.1216, 134.6553

146.4278,

142.4137, 169.7745

181.7249,
177.7226, 210.5237

■ 15.9430, 14.1937,
18.7290

■ 15.9430, 14.1937,
18.7290

■ 14.6719, 11.9810,
17.2890

■ 17.4050, 16.7749,
20.2725

■ 13.5818, 10.1178,
15.9482

■ 19.0646, 19.7387,
21.9217

■ 12.6639, 8.5864,
14.7036

■ 20.9299, 23.1007,
23.6799

■ 11.9080, 7.3668,
13.5511

■ 23.0080, 26.8749,
25.5497

■ 11.3030, 6.4366,
12.4867

■ 25.3056, 31.0750,
27.5340

10.8361, 5.7706,
11.5057

27.8294, 35.7138,
29.6353

10.4924, 5.3390,
10.6025

30.5854, 40.8036,
31.8560

10.2726, 5.0861,
9.9540

33.5798, 46.3562,
34.1986

36.8182, 52.3830,
36.6653

Harmonies

Analogous

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



15.0160, 14.1937, 22.2316



15.9430, 14.1937, 18.7290



16.1959, 14.1937, 14.8021

Triad

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



15.9430, 14.1937, 18.7290



13.2609, 14.1937, 9.2574



11.5103, 14.1937, 20.0625

Complementary

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



15.9430, 14.1937, 18.7290



14.8137, 18.2289, 16.1031

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.



11.1049, 14.1937, 16.1259



15.9430, 14.1937, 18.7290



12.0723, 14.1937, 10.2171

Square

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



15.9430, 14.1937, 18.7290



14.5902, 14.1937, 9.7230



11.3037, 14.1937, 12.5859



12.4478, 14.1937, 23.0857

Rectangle

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



15.9430, 14.1937, 18.7290



15.9348, 14.1937, 12.5467



11.3037, 14.1937, 12.5859



11.3102, 14.1937, 18.7801

Sweetspot

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



15.9434, 14.1943, 18.7293



32.6767, 32.7273, 37.8230



13.7948, 13.0300, 21.1902



7.4041, 7.3932, 8.5749



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.9434, 14.1943, 18.7293



27.3125, 23.2554, 32.1613



15.1841, 13.8906, 14.7310



4.4474, 4.3921, 5.1605



10.7184, 5.3070, 10.3726



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9434, 14.1943, 18.7293



27.3125, 23.2554, 32.1613



15.5896, 18.5392, 20.1889



4.4474, 4.3921, 5.1605



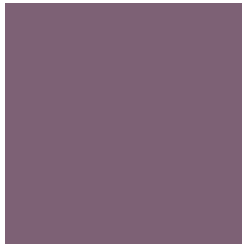
10.7184, 5.3070, 10.3726



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9430, 14.1937, 18.7290 looks on a white background.

Color Contrast Check

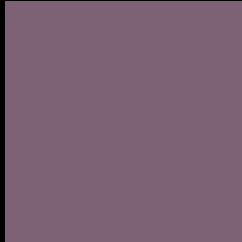
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9430, 14.1937, 18.7290 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 15.9430, 14.1937, 18.7290

Background



This preview shows how black text looks on a background with the XYZ color 15.9430, 14.1937, 18.7290.



This preview shows how white text looks on a background with the XYZ color 15.9430, 14.1937,

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

15.9430, 14.1937, 18.7290

Protanopia

14.0439, 14.3331, 20.4387

Deuteranopia

14.5582, 14.3410, 18.5238



Tritanopia

15.3755, 14.2494, 15.5757

Trichromacy



Original Color

15.9430, 14.1937, 18.7290

Protanomaly

14.5719, 14.1738, 19.7371

Deuteranomaly

15.0085, 14.2813, 18.4885

Tritanomaly

15.4943, 14.1462, 16.6657

Monochromacy



Original Color

15.9430, 14.1937, 18.7290

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.7590, 14.6257, 17.0841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9430, 14.1937, 18.7290 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(125, 97, 117)` looks like.

```
.text, #text, p{  
    color:rgb(125, 97, 117)  
}
```

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(125, 97, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 97, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.9430, 14.1937, 18.7290 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(125, 97, 117) }
```


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

```
.border{ border-color:rgb(125, 97, 117) }
```

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

Here you see how a box with a 4 pixel rgb(125, 97, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 97, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 97, 117);  
box-shadow:4px 4px 4px 4px rgb(125, 97,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9430, 14.1937, 18.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 97, 117) }
```

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

```
.background{ background-color: rgb(125, 97,  
117) }
```

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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