

Converting Colors

XYZ(13.0911, 15.8765, 13.9054)

Have a look what the booklet for
XYZ(13.0911, 15.8765, 13.9054)
contains.

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Color

**XYZ(13.1820, 15.9841,
13.9457)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7562
RGB	94, 117, 98
RGB Percent	37%, 46%, 38%
CMY	0.6314, 0.5412, 0.6157
CMYK	0.20, 0.00, 0.16, 0.54
HSL	130°, 11%, 41%
HSV	130°, 20%, 46%
XYZ	13.1820, 15.9841, 13.9457
YIQ	107.9570, -7.6090, -10.7850

Conversions

Conversions Part 2

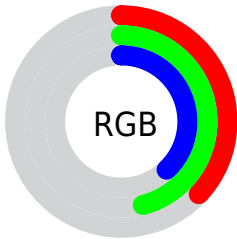
Format	Color
R_{YB}	94, 114, 117
Decimal	6190434
CIE _{Lab}	46.95, -12.54, 7.73
CIE _{LCh}	47, 14.729, 148.362
Yxy	15.9841, 0.3058, 0.3708
Android (android.graphics.Color)	4284380514 (0xFF5E7562)
YUV	107.9570, -4.9088, -12.2403
Hunter-Lab	39.9801, -11.1113, 7.3048

Details

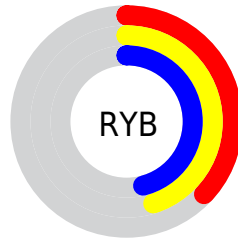
The XYZ color **13.1820, 15.9841, 13.9457** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3201, 12.9800, 17.3743**, and the grayscale version is **14.2570, 14.9995, 16.3345**.

A 20% lighter version of the original color is **31.2898, 36.5656, 33.8425**, and **3.9202, 5.1085, 4.0282** is the 20% darker color. If you saturate the color by 10%, you get **11.6429, 15.2407, 11.6336**, and if you desaturate by 10%, it is **14.9591, 16.8447, 16.5574**.

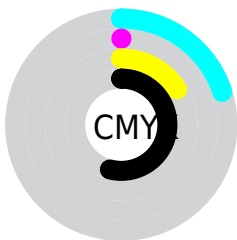
Distribution



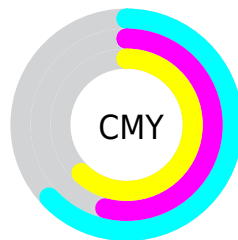
- Red (37%)
- Green (46%)
- Blue (38%)



- Red (37%)
- Yellow (45%)
- Blue (46%)



- Cyan (20%)
- Magenta (0%)
- Yellow (16%)
- Black (54%)



- Cyan (63%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1820, 15.9841, 13.9457 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 13.1820, 15.9841, 13.9457 by changing the saturation by 10% instead.

■ 13.1820, 15.9841,
13.9457

■ 13.1820, 15.9841,
13.9457

205.6949,
229.2479, 228.3094

■ 7.6319, 9.5129,
7.9446

■ 31.2289, 36.5706,
33.7084

■ 3.9101, 5.0772,
3.9722

■ 44.4564, 51.4547,
48.3070

■ 1.6514, 2.2926,
1.6101

■ 60.9737, 69.9119,
66.6086

■ 0.4256, 0.7698,
0.2980

■ 81.1462, 92.3265,
89.0317

■ 0.0000, 0.0000,
0.0000

105.3392,
119.0831, 115.9948

133.9180,

150.5659, 147.9164

167.2482,
187.1593, 185.2151

■ 13.1820, 15.9841,
13.9457

■ 13.1820, 15.9841,
13.9457

■ 11.6429, 15.2407,
11.6336

■ 14.9591, 16.8447,
16.5574

■ 10.3302, 14.6074,
9.6093

■ 16.9822, 17.8251,
19.4777

■ 9.2336, 14.0797,
7.8618

■ 19.2610, 18.9305,
22.7167

■ 8.3413, 13.6516,
6.3792

■ 21.8037, 20.1651,
26.2836

■ 7.6405, 13.3168,
5.1484

■ 24.6187, 21.5327,
30.1873

■ 7.1166, 13.0682,
4.1554

■ 27.7136, 23.0374,
34.4363

■ 6.7533, 12.8975,
3.3848

■ 31.0960, 24.6827,
39.0387

■ 6.4989, 12.7787,
2.8178

■ 34.7729, 26.4722,
44.0026

■ 6.4910, 12.7749,
2.8018

■ 38.7515, 28.4093,
49.3357

Harmonies

Analogous

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



14.0472, 15.9841, 11.8841



13.1820, 15.9841, 13.9457



12.8512, 15.9841, 17.2022

Triad

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



13.1820, 15.9841, 13.9457



15.1218, 15.9841, 25.4903



17.4750, 15.9841, 14.2506

Complementary

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



13.1820, 15.9841, 13.9457



14.3201, 12.9800, 17.3743

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.



17.8019, 15.9841, 17.6073



13.1820, 15.9841, 13.9457



16.3982, 15.9841, 24.4128

Square

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



13.1820, 15.9841, 13.9457



13.9313, 15.9841, 24.1598



17.3975, 15.9841, 21.3913



16.5274, 15.9841, 12.0419

Rectangle

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



13.1820, 15.9841, 13.9457



12.9633, 15.9841, 19.7327



17.3975, 15.9841, 21.3913



17.6634, 15.9841, 15.2661

Sweetspot

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



13.1824, 15.9848, 13.9461



28.0044, 30.7528, 31.4166



15.2138, 17.0533, 13.0797



6.4004, 7.0520, 7.1678



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.1824, 15.9848, 13.9461



22.1852, 27.9364, 22.8522



13.7562, 16.2143, 16.9675



3.6642, 4.1077, 4.0658



7.1468, 14.0727, 3.0630



34.5990, 68.4869, 13.7253

Inverse Universe

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



14.3201, 12.9800, 17.3743



24.6509, 21.4222, 30.2812



13.7211, 12.7404, 14.2202



3.8006, 3.7475, 4.4769



10.4374, 5.1087, 12.7777



50.5832, 24.7834, 60.7939

Previews

White Background



This preview shows how the XYZ color 13.1820, 15.9841, 13.9457 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 13.1820, 15.9841, 13.9457 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 13.1820, 15.9841, 13.9457

Background



This preview shows how black text looks on a background with the XYZ color 13.1820, 15.9841, 13.9457.



This preview shows how white text looks on a background with the XYZ color 13.1820, 15.9841,

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

13.1820, 15.9841, 13.9457

Protanopia

15.0861, 15.9770, 13.1152

Deuteranopia

16.1621, 15.8711, 14.2682



Tritanopia

14.6295, 16.0614, 21.0680

Trichromacy



Original Color

13.1820, 15.9841, 13.9457

Protanomaly

14.3231, 15.9060, 13.3816

Deuteranomaly

14.8760, 15.8471, 14.0791

Tritanomaly

14.0978, 16.0178, 18.2683

Monochromacy



Original Color

13.1820, 15.9841, 13.9457

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.7766, 15.2519, 15.3145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1820, 15.9841, 13.9457 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, 117, 98) looks like.

```
.text, #text, p{  
    color:rgb(94, 117, 98)  
}
```

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, 117, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 117, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.1820, 15.9841, 13.9457 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, 117, 98) }
```


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

```
.border{ border-color:rgb(94, 117, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 117, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 117, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 117, 98);  
box-shadow:4px 4px 4px 4px rgb(94, 117,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1820, 15.9841, 13.9457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 117, 98) }
```

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

```
.background{ background-color: rgb(94, 117,  
98) }
```

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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