

Converting Colors

XYZ(15.2119, 17.9507, 21.0754)

Have a look what the booklet for
XYZ(15.2119, 17.9507, 21.0754)
contains.

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Color

**XYZ(15.2119, 17.9507,
21.0754)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7B7A
RGB	94, 123, 122
RGB Percent	37%, 48%, 48%
CMY	0.6314, 0.5176, 0.5216
CMYK	0.24, 0.00, 0.01, 0.52
HSL	178°, 13%, 43%
HSV	178°, 24%, 48%
XYZ	15.2119, 17.9507, 21.0754
YIQ	114.2150, -16.9630, -6.4590

Conversions

Conversions Part 2

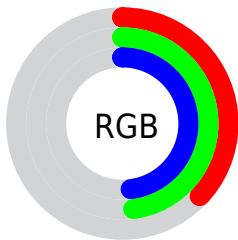
Format	Color
R_{YB}	94, 109, 123
Decimal	6191994
CIE _{Lab}	49.44, -10.59, -2.87
CIE _{LCh}	49, 10.967, 195.173
Yxy	17.9507, 0.2805, 0.3310
Android (android.graphics.Color)	4284382074 (0xFF5E7B7A)
YUV	114.2150, 3.8380, -17.7286
Hunter-Lab	42.3683, -10.0558, 0.1649

Details

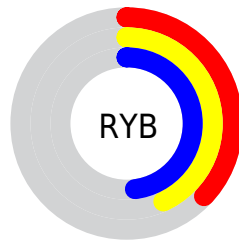
The XYZ color **15.2119, 17.9507, 21.0754** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.2373, 13.0431, 12.5944**, and the grayscale version is **16.0516, 16.8876, 18.3906**.

A 20% lighter version of the original color is **34.8424, 40.1264, 45.9532**, and **4.8237, 5.9829, 7.2039** is the 20% darker color. If you saturate the color by 10%, you get **14.0236, 17.3416, 20.8831**, and if you desaturate by 10%, it is **16.6023, 18.6649, 21.2786**.

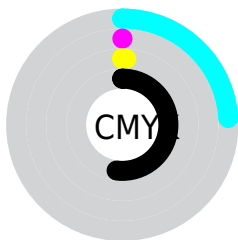
Distribution



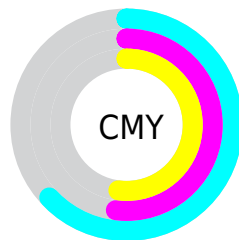
- Red (37%)
- Green (48%)
- Blue (48%)



- Red (37%)
- Yellow (43%)
- Blue (48%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2119, 17.9507, 21.0754 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 15.2119, 17.9507, 21.0754 by changing the saturation by 10% instead.

■ 15.2119, 17.9507,
21.0754

■ 15.2119, 17.9507,
21.0754

218.0083,
240.5930, 270.4731

■ 9.0555, 10.9146,
12.9873

■ 34.7931, 39.9533,
46.0954

■ 4.8348, 6.0094,
7.2892

■ 48.9486, 55.6886,
63.8644

■ 2.1844, 2.8508,
3.5624

■ 66.5013, 75.0924,
85.6975

■ 0.7345, 1.0544,
1.3885

■ 87.8163, 98.5491,
112.0133

■ 0.0000, 0.0000,
0.1327

113.2592,
126.4431, 143.2302

■ 0.0000, 0.0000,
0.0000

143.1953,

159.1589, 179.7667

177.9898,
197.0807, 222.0415

■ 15.2119, 17.9507,
21.0754

■ 15.2119, 17.9507,
21.0754

■ 14.0236, 17.3416,
20.8831

■ 16.6023, 18.6649,
21.2786

■ 13.0265, 16.8306,
20.6999

■ 18.2023, 19.4867,
21.4918

■ 12.2108, 16.4131,
20.5258

■ 20.0206, 20.4210,
21.7158

■ 11.5652, 16.0833,
20.3603

■ 22.0652, 21.4719,
21.9510

■ 11.0773, 15.8347,
20.2027

■ 24.3435, 22.6433,
22.1977

■ 10.7328, 15.6601,
20.0525

■ 26.8628, 23.9389,
22.4563

■ 10.5136, 15.5500,
19.9087

■ 29.6297, 25.3622,
22.7272

■ 10.3983, 15.4925,
19.8179

■ 32.6510, 26.9166,
23.0105

■ 35.9330, 28.6054,
23.3066

Harmonies

Analogous

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



15.2090, 17.9507, 18.1226



15.2119, 17.9507, 21.0754



15.6966, 17.9507, 23.8730

Triad

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



15.2119, 17.9507, 21.0754



18.5125, 17.9507, 23.8452



17.5760, 17.9507, 14.5367

Complementary

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



15.2119, 17.9507, 21.0754



14.2373, 13.0431, 12.5944

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.



18.5035, 17.9507, 15.7749



15.2119, 17.9507, 21.0754



19.0588, 17.9507, 21.0405

Square

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



15.2119, 17.9507, 21.0754



17.5878, 17.9507, 25.5788



19.0555, 17.9507, 18.0910



16.5460, 17.9507, 14.5440

Rectangle

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



15.2119, 17.9507, 21.0754



16.2395, 17.9507, 25.1883



19.0555, 17.9507, 18.0910



17.9110, 17.9507, 14.8151

Sweetspot

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



15.2124, 17.9514, 21.0758



31.5202, 34.3425, 38.3453



13.8701, 17.4318, 13.2237



7.3938, 8.0729, 9.0270



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.



15.2124, 17.9514, 21.0758



26.1086, 31.5644, 37.5613



13.7623, 14.9514, 20.9002



4.1014, 4.5102, 5.0677



10.7561, 16.0261, 20.4984



51.2403, 76.4191, 97.4242

Inverse Universe

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



14.2373, 13.0431, 12.5944



24.0586, 21.2447, 19.7306



15.4523, 15.5455, 12.7762



4.0034, 4.0171, 4.2155



8.4738, 4.3657, 0.5200



40.3558, 20.7987, 2.1379

Previews

White Background



This preview shows how the XYZ color 15.2119, 17.9507, 21.0754 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 15.2119, 17.9507, 21.0754 looks on a black 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

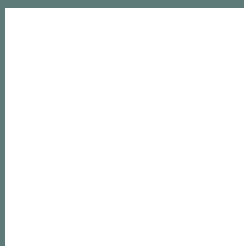
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2119, 17.9507, 21.0754

Background



This preview shows how black text looks on a background with the XYZ color 15.2119, 17.9507, 21.0754.



This preview shows how white text looks on a background with the XYZ color 15.2119, 17.9507,

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

15.2119, 17.9507, 21.0754

Protanopia

17.2391, 17.9525, 19.6961

Deuteranopia

18.2596, 17.9255, 21.5664



Tritanopia

15.8801, 18.0446, 24.1187

Trichromacy



Original Color

15.2119, 17.9507, 21.0754

Protanomaly

16.3570, 17.8406, 20.0342

Deuteranomaly

16.8759, 17.7300, 21.2717

Tritanomaly

15.5751, 17.9105, 23.0582

Monochromacy



Original Color

15.2119, 17.9507, 21.0754

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6356, 17.1327, 19.3125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2119, 17.9507, 21.0754 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, 123, 122) looks like.

```
.text, #text, p{  
    color:rgb(94, 123, 122)  
}
```

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, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 123, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.2119, 17.9507, 21.0754 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, 123, 122) }
```


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

```
.border{ border-color:rgb(94, 123, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(94, 123,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2119, 17.9507, 21.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 123, 122) }
```

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

```
.background{ background-color: rgb(94, 123,  
122) }
```

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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