

Converting Colors

XYZ(15.2185, 17.6536, 22.0330)

Have a look what the booklet for
XYZ(15.2185, 17.6536, 22.0330)
contains.

XYZ(15.1551, 17.5351, 21.9879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.1551, 17.5351,
21.9879)**

Conversions

Conversions Part 1

Format	Color
Hex	5E797D
RGB	94, 121, 125
RGB Percent	37%, 47%, 49%
CMY	0.6314, 0.5255, 0.5098
CMYK	0.25, 0.03, 0.00, 0.51
HSL	188°, 14%, 43%
HSV	188°, 25%, 49%
XYZ	15.1551, 17.5351, 21.9879
YIQ	113.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

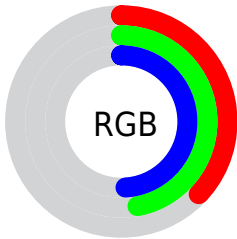
Format	Color
RYB	94, 108, 125
Decimal	6191485
CIELab	48.93, -8.73, -5.39
CIELCh	49, 10.262, 211.713
Yxy	17.5351, 0.2772, 0.3207
Android (android.graphics.Color)	4284381565 (0xFF5E797D)
YUV	113.3830, 5.7272, -16.9989
Hunter-Lab	41.8749, -8.6796, -1.8198

Details

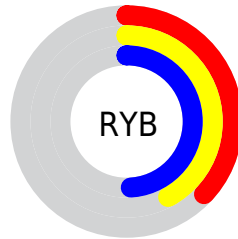
The XYZ color **15.1551, 17.5351, 21.9879** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8456, 13.9034, 12.4911**, and the grayscale version is **15.7974, 16.6201, 18.0993**.

A 20% lighter version of the original color is **34.6565, 39.1212, 47.8440**, and **4.7942, 5.7609, 7.6968** is the 20% darker color. If you saturate the color by 10%, you get **13.7815, 16.5390, 21.8683**, and if you desaturate by 10%, it is **16.7406, 18.6462, 22.1191**.

Distribution



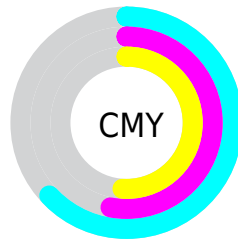
- Red (37%)
- Green (47%)
- Blue (49%)



- Red (37%)
- Yellow (42%)
- Blue (49%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (63%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1551, 17.5351, 21.9879 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 15.1551, 17.5351, 21.9879 by changing the saturation by 10% instead.

■ 15.1551, 17.5351,
21.9879

■ 15.1551, 17.5351,
21.9879

217.6729,
238.2374, 275.4345

■ 9.0153, 10.6167,
13.6498

■ 34.6945, 39.2435,
47.6279

■ 4.8084, 5.8097,
7.7415

■ 48.8248, 54.8024,
65.7669

■ 2.1689, 2.7297,
3.8446

■ 66.3493, 74.0102,
88.0099

■ 0.7263, 0.9923,
1.5405

■ 87.6334, 97.2514,
114.7755

■ 0.0000, 0.0000,
0.2478

113.0425,
124.9103, 146.4823

■ 0.0000, 0.0000,
0.0000

142.9419,

157.3713, 183.5486

177.6969,
195.0189, 226.3932

■ 15.1551, 17.5351,
21.9879

■ 15.1551, 17.5351,
21.9879

■ 13.7815, 16.5390,
21.8683

■ 16.7406, 18.6462,
22.1191

■ 12.6084, 15.6506,
21.7587

■ 18.5458, 19.8750,
22.2611

■ 11.6253, 14.8650,
21.6589

■ 20.5800, 21.2268,
22.4148

■ 10.8204, 14.1761,
21.5683

■ 22.8514, 22.7057,
22.5806

■ 10.1806, 13.5770,
21.4864

■ 25.3679, 24.3161,
22.7588

■ 9.6907, 13.0600,
21.4124

■ 28.1371, 26.0616,
22.9497

■ 9.3285, 12.6135,
21.3453

■ 31.1660, 27.9460,
23.1538

■ 9.1574, 12.3921,
21.3116

■ 34.4616, 29.9729,
23.3714

■ 38.0305, 32.1458,
23.6027

Harmonies

Analogous

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



14.9004, 17.5351, 19.2501



15.1551, 17.5351, 21.9879



15.8128, 17.5351, 24.0996

Triad

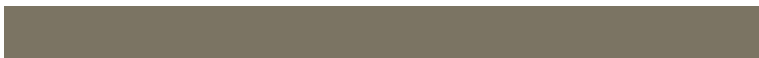
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.1551, 17.5351, 21.9879



18.3337, 17.5351, 21.6906



16.6119, 17.5351, 14.3107

Complementary

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



15.1551, 17.5351, 21.9879



14.8456, 13.9034, 12.4911

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.



17.5506, 17.5351, 14.8323



15.1551, 17.5351, 21.9879



18.5671, 17.5351, 18.9363

Square

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



15.1551, 17.5351, 21.9879



17.6490, 17.5351, 23.9168



18.2754, 17.5351, 16.4636



15.7213, 17.5351, 14.9653

Rectangle

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



15.1551, 17.5351, 21.9879



16.4037, 17.5351, 24.7741



18.2754, 17.5351, 16.4636



16.9322, 17.5351, 14.3540

Sweetspot

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



15.1556, 17.5358, 21.9883



32.4080, 35.0498, 39.8016



14.1365, 17.9218, 14.1750



7.3396, 7.9508, 9.0509



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.



15.1556, 17.5358, 21.9883



25.6371, 30.3202, 39.2455



13.4600, 14.1447, 21.4231



4.4006, 4.7953, 5.5069



9.5539, 12.9264, 22.2414



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9117, 13.7462, 19.9046



27.2657, 22.3269, 34.7194



16.3963, 17.0047, 13.0080



4.4751, 4.4032, 5.3061



11.6994, 5.6994, 15.5384



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1551, 17.5351, 21.9879 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 15.1551, 17.5351, 21.9879 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 15.1551, 17.5351, 21.9879

Background



This preview shows how black text looks on a background with the XYZ color 15.1551, 17.5351, 21.9879.



This preview shows how white text looks on a background with the XYZ color 15.1551, 17.5351,

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

15.1551, 17.5351, 21.9879

Protanopia

16.8460, 17.3796, 20.8791

Deuteranopia

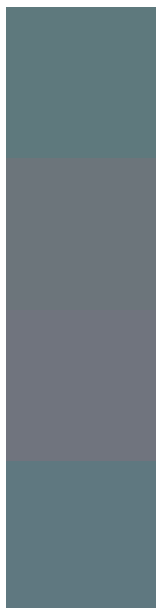
17.7619, 17.4801, 22.5165



Tritanopia

15.4651, 17.4775, 23.6775

Trichromacy



Original Color

15.1551, 17.5351, 21.9879

Protanomaly

16.1208, 17.3408, 21.2363

Deuteranomaly

16.6934, 17.4419, 22.2254

Tritanomaly

15.3321, 17.4244, 22.9772

Monochromacy



Original Color

15.1551, 17.5351, 21.9879

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4001, 16.8393, 19.2683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1551, 17.5351, 21.9879 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, 121, 125) looks like.

```
.text, #text, p{  
    color:rgb(94, 121, 125)  
}
```

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, 121, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 121, 125) }
```

Border

The CSS property to change the border of an element to XYZ 15.1551, 17.5351, 21.9879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

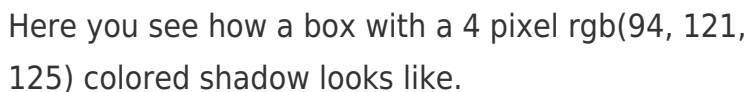
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 121, 125) }
```


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

```
.border{ border-color:rgb(94, 121, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 121, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 121, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 121, 125); box-shadow:4px 4px 4px 4px rgb(94, 121, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1551, 17.5351, 21.9879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 121, 125) }
```

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

```
.background{ background-color: rgb(94, 121,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor