

Converting Colors

XYZ(17.9337, 19.1562, 21.8211)

Have a look what the booklet for
XYZ(17.9337, 19.1562, 21.8211)
contains.

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Color

**XYZ(17.9337, 19.1562,
21.8211)**

Conversions

Conversions Part 1

Format	Color
Hex	757A7C
RGB	117, 122, 124
RGB Percent	46%, 48%, 49%
CMY	0.5412, 0.5216, 0.5137
CMYK	0.06, 0.02, 0.00, 0.51
HSL	197°, 3%, 47%
HSV	197°, 6%, 49%
XYZ	17.9337, 19.1562, 21.8211
YIQ	120.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

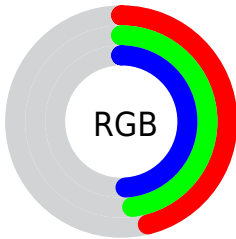
Format	Color
RYB	117, 120, 124
Decimal	7699068
CIELab	50.87, -1.45, -1.75
CIElCh	51, 2.272, 230.297
Yxy	19.1562, 0.3044, 0.3252
Android (android.graphics.Color)	4285889148 (0xFF757A7C)
YUV	120.7330, 1.6106, -3.2738
Hunter-Lab	43.7678, -3.4539, 1.0775

Details

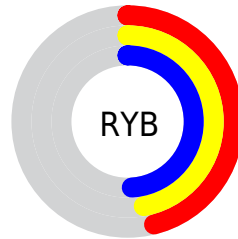
The XYZ color **17.9337, 19.1562, 21.8211** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1199, 18.7628, 19.4964**, and the grayscale version is **18.0841, 19.0258, 20.7191**.

A 20% lighter version of the original color is **39.3347, 41.8417, 47.0774**, and **6.1068, 6.5383, 7.5968** is the 20% darker color. If you saturate the color by 10%, you get **15.9502, 17.5008, 21.6064**, and if you desaturate by 10%, it is **20.1548, 20.9587, 22.0522**.

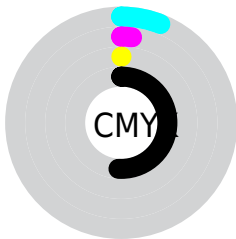
Distribution



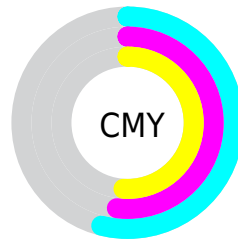
- Red (46%)
- Green (48%)
- Blue (49%)



- Red (46%)
- Yellow (47%)
- Blue (49%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (54%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9337, 19.1562, 21.8211 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 17.9337, 19.1562, 21.8211 by changing the saturation by 10% instead.

■ 17.9337, 19.1562,
21.8211

■ 17.9337, 19.1562,
21.8211

233.5499,
247.3097, 274.5335

■ 11.0018, 11.7832,
13.5284

■ 39.4553, 41.9979,
47.3485

■ 6.1353, 6.5962,
7.6584

■ 54.7757, 58.2353,
65.4204

■ 2.9690, 3.2109,
3.7926

■ 73.6230, 78.1964,
87.5891

■ 1.1374, 1.2428,
1.5122

96.3625, 102.2655,
114.2731

■ 0.0561, 0.0963,
0.2270

123.3596,
130.8270, 145.8910

■ 0.0000, 0.0000,
0.0000

154.9796,

164.2652, 182.8614

191.5879,
202.9647, 225.6027

■ 17.9337, 19.1562,
21.8211

■ 17.9337, 19.1562,
21.8211

■ 15.9502, 17.5008,
21.6064

■ 20.1548, 20.9587,
22.0522

■ 14.1940, 15.9853,
21.4064

■ 22.6203, 22.9103,
22.2990

■ 12.6562, 14.6053,
21.2211

■ 25.3384, 25.0162,
22.5622

■ 11.3269, 13.3556,
21.0500

■ 28.3169, 27.2805,
22.8423

■ 10.1951, 12.2302,
20.8924

■ 31.5628, 29.7072,
23.1396

■ 9.2490, 11.2228,
20.7478

■ 35.0831, 32.2999,
23.4545

■ 8.4754, 10.3262,
20.6155

■ 38.8845, 35.0624,
23.7874

■ 7.8591, 9.5325,
20.4948

■ 42.9733, 37.9983,
24.1386

■ 7.3747, 8.8281,
20.3844

■ 47.3558, 41.1109,
24.5084

Harmonies

Analogous

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



17.8065, 19.1562, 21.2886



17.9337, 19.1562, 21.8211



18.1349, 19.1562, 22.0972

Triad

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



17.9337, 19.1562, 21.8211



18.6351, 19.1562, 21.0664



18.0584, 19.1562, 19.7224

Complementary

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



17.9337, 19.1562, 21.8211



18.1199, 18.7628, 19.4964

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.



18.2801, 19.1562, 19.6657



17.9337, 19.1562, 21.8211



18.6143, 19.1562, 20.4330

Square

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



17.9337, 19.1562, 21.8211



18.5407, 19.1562, 21.6556



18.4839, 19.1562, 19.9234



17.8781, 19.1562, 20.0799

Rectangle

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



17.9337, 19.1562, 21.8211



18.2845, 19.1562, 22.0949



18.4839, 19.1562, 19.9234



18.1305, 19.1562, 19.6679

Sweetspot

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



17.9342, 19.1570, 21.8215



32.9168, 34.8221, 38.5431



17.8728, 19.5290, 20.2752



7.7658, 8.2120, 9.0788



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.



17.9342, 19.1570, 21.8215



31.0022, 33.2518, 38.3409



17.5139, 18.3163, 21.6814



4.1012, 4.3997, 5.0762



7.2949, 8.6723, 20.6747



34.0442, 39.8611, 98.3694

Inverse Universe

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



18.1867, 18.4131, 21.0089



31.5625, 31.6133, 36.5343



18.5424, 19.6078, 19.6372



4.1762, 4.1805, 4.8345



10.2655, 5.0823, 9.9549



48.5871, 24.0912, 45.4832

Previews

White Background



This preview shows how the XYZ color 17.9337, 19.1562, 21.8211 looks on a white 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

Black Background



This preview shows how the XYZ color 17.9337, 19.1562, 21.8211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

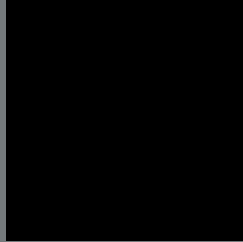
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

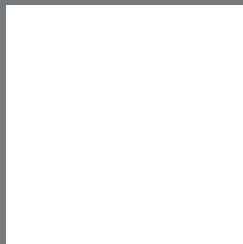
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9337, 19.1562, 21.8211

Background



This preview shows how black text looks on a background with the XYZ color 17.9337, 19.1562, 21.8211.



This preview shows how white text looks on a background with the XYZ color 17.9337, 19.1562,

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

17.9337, 19.1562, 21.8211

Protanopia

18.4600, 19.0740, 21.4476

Deuteranopia

19.4230, 19.0285, 22.0512



Tritanopia

18.4053, 19.1650, 24.2019

Trichromacy

**Original Color**

17.9337, 19.1562, 21.8211

Protanomaly

18.2977, 19.1698, 21.4746

Deuteranomaly

18.9027, 19.1099, 22.0943

Tritanomaly

18.2049, 19.0848, 23.1463

Monochromacy

**Original Color**

17.9337, 19.1562, 21.8211

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.0960, 19.0730, 21.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9337, 19.1562, 21.8211 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(117, 122, 124)` looks like.

```
.text, #text, p{  
    color:rgb(117, 122, 124)  
}
```

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(117, 122, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 122, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.9337, 19.1562, 21.8211 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(117, 122, 124) }
```


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

```
.border{ border-color:rgb(117, 122, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 122, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 122, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 122, 124);  
box-shadow:4px 4px 4px 4px rgb(117, 122,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9337, 19.1562, 21.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 122, 124) }
```

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

```
.background{ background-color: rgb(117,  
122, 124) }
```

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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