

Converting Colors

XYZ(17.4446, 19.1693, 21.6514)

Have a look what the booklet for
XYZ(17.4446, 19.1693, 21.6514)
contains.

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Color

**XYZ(17.3402, 19.0407,
21.5002)**

Conversions

Conversions Part 1

Format	Color
Hex	707B7B
RGB	112, 123, 123
RGB Percent	44%, 48%, 48%
CMY	0.5608, 0.5176, 0.5176
CMYK	0.09, 0.00, 0.00, 0.52
HSL	180°, 5%, 46%
HSV	180°, 9%, 48%
XYZ	17.3402, 19.0407, 21.5002
YIQ	119.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

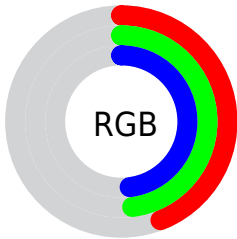
Format	Color
R_{YB}	112, 118, 123
Decimal	7371643
CIE Lab	50.73, -4.07, -1.40
CIE LCh	51, 4.305, 199.029
Yxy	19.0407, 0.2996, 0.3290
Android (android.graphics.Color)	4285561723 (0xFF707B7B)
YUV	119.7110, 1.6215, -6.7625
Hunter-Lab	43.6357, -5.4290, 1.3315

Details

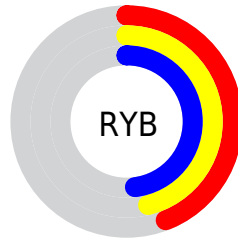
The XYZ color **17.3402, 19.0407, 21.5002** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8879, 16.9697, 17.7155**, and the grayscale version is **17.7573, 18.6820, 20.3447**.

A 20% lighter version of the original color is **38.3777, 41.6476, 46.5735**, and **5.7992, 6.4820, 7.4241** is the 20% darker color. If you saturate the color by 10%, you get **15.8809, 18.2889, 21.4316**, and if you desaturate by 10%, it is **19.0144, 19.9043, 21.5796**.

Distribution



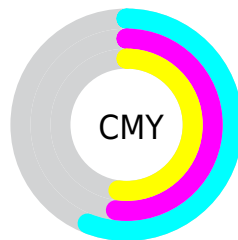
- Red (44%)
- Green (48%)
- Blue (48%)



- Red (44%)
- Yellow (46%)
- Blue (48%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3402, 19.0407, 21.5002 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 17.3402, 19.0407, 21.5002 by changing the saturation by 10% instead.

■ 17.3402, 19.0407,
21.5002

■ 17.3402, 19.0407,
21.5002

230.2435,
246.6734, 272.7928

■ 10.5741, 11.6997,
13.2953

■ 38.4487, 41.8029,
46.8101

■ 5.8464, 6.5395,
7.4991

■ 53.5219, 57.9928,
64.7522

■ 2.7917, 3.1758,
3.6930

■ 72.0949, 77.9012,
86.7771

■ 1.0446, 1.2242,
1.4585

■ 94.5330, 101.9124,
113.3033

■ 0.0000, 0.0813,
0.1867

121.2015,
130.4108, 144.7495

■ 0.0000, 0.0000,
0.0000

152.4659,

163.7808, 181.5341

188.6914,
202.4069, 224.0757

■ 17.3402, 19.0407,
21.5002

■ 17.3402, 19.0407,
21.5002

■ 15.8809, 18.2889,
21.4316

■ 19.0144, 19.9043,
21.5796

■ 14.6262, 17.6422,
21.3723

■ 20.9101, 20.8815,
21.6690

■ 13.5676, 17.0964,
21.3221

■ 23.0354, 21.9772,
21.7691

■ 12.6952, 16.6467,
21.2806

■ 25.3977, 23.1950,
21.8803

■ 11.9980, 16.2873,
21.2473

■ 28.0041, 24.5386,
22.0030

■ 11.4645, 16.0123,
21.2217

■ 30.8611, 26.0114,
22.1373

■ 11.0811, 15.8146,
21.2031

■ 33.9753, 27.6168,
22.2837

■ 10.8324, 15.6865,
21.1908

■ 37.3528, 29.3580,
22.4424

■ 10.6736, 15.6046,
21.1827

■ 40.9998, 31.2381,
22.6138

Harmonies

Analogous

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



17.3115, 19.0407, 20.2923



17.3402, 19.0407, 21.5002



17.5700, 19.0407, 22.5394

Triad

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



17.3402, 19.0407, 21.5002



18.7182, 19.0407, 22.2958



18.2527, 19.0407, 18.5302

Complementary

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



17.3402, 19.0407, 21.5002



16.8879, 16.9697, 17.7155

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.



18.6357, 19.0407, 19.0240



17.3402, 19.0407, 21.5002



18.9072, 19.0407, 21.1782

Square

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



17.3402, 19.0407, 21.5002



18.3639, 19.0407, 23.0110



18.8768, 19.0407, 19.9825



17.8339, 19.0407, 18.6088

Rectangle

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



17.3402, 19.0407, 21.5002



17.8083, 19.0407, 22.9821



18.8768, 19.0407, 19.9825



18.3900, 19.0407, 18.6340

Sweetspot

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



17.3407, 19.0415, 21.5006



32.7634, 34.9794, 38.5811



16.7136, 18.7933, 18.0761



7.6645, 8.2115, 9.0840



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.



17.3407, 19.0415, 21.5006



30.4097, 33.7661, 38.4700



16.6990, 17.7578, 21.2873



4.1071, 4.5124, 5.0976



11.0245, 16.1334, 21.9115



52.5874, 76.9580, 104.5181

Inverse Universe

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



16.8879, 16.9697, 17.7155



29.4032, 29.1618, 30.0583



17.4919, 18.1780, 17.9163



3.9983, 4.0151, 4.1889



8.4503, 4.3563, 0.3961



40.3083, 20.7797, 1.8876

Previews

White Background



This preview shows how the XYZ color 17.3402, 19.0407, 21.5002 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 17.3402, 19.0407, 21.5002 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

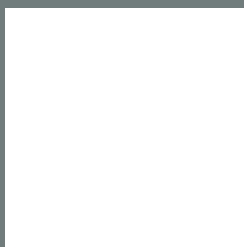
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3402, 19.0407, 21.5002

Background



This preview shows how black text looks on a background with the XYZ color 17.3402, 19.0407, 21.5002.



This preview shows how white text looks on a background with the XYZ color 17.3402, 19.0407,

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

17.3402, 19.0407, 21.5002

Protanopia

18.1937, 18.9510, 20.7882

Deuteranopia

19.3595, 19.0031, 21.7164



Tritanopia

17.8663, 19.0685, 24.2117

Trichromacy



Original Color

17.3402, 19.0407, 21.5002

Protanomaly

17.8214, 18.9314, 21.1272

Deuteranomaly

18.5471, 18.9340, 21.7459

Tritanomaly

17.6659, 18.9883, 23.1561

Monochromacy



Original Color

17.3402, 19.0407, 21.5002

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6247, 18.8371, 20.7962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3402, 19.0407, 21.5002 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(112, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(112, 123, 123)  
}
```

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(112, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 123, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.3402, 19.0407, 21.5002 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(112, 123, 123) }
```


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

```
.border{ border-color:rgb(112, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(112, 123,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3402, 19.0407, 21.5002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 123, 123) }
```

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

```
.background{ background-color: rgb(112,  
123, 123) }
```

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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