

Converting Colors

XYZ(17.5723, 19.3092, 21.6723)

Have a look what the booklet for
XYZ(17.5723, 19.3092, 21.6723)
contains.

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Color

**XYZ(17.5929, 19.3561,
21.5477)**

Conversions

Conversions Part 1

Format	Color
Hex	717C7B
RGB	113, 124, 123
RGB Percent	44%, 49%, 48%
CMY	0.5569, 0.5137, 0.5176
CMYK	0.09, 0.00, 0.01, 0.51
HSL	175°, 5%, 46%
HSV	175°, 9%, 49%
XYZ	17.5929, 19.3561, 21.5477
YIQ	120.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

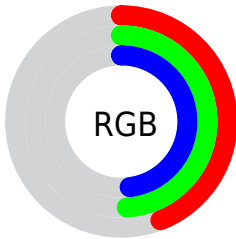
Format	Color
RYB	113, 119, 124
Decimal	7437435
CIELab	51.10, -4.28, -0.86
CIElCh	51, 4.364, 191.334
Yxy	19.3561, 0.3008, 0.3309
Android (android.graphics.Color)	4285627515 (0xFF717C7B)
YUV	120.5970, 1.1847, -6.6626
Hunter-Lab	43.9956, -5.6139, 1.7584

Details

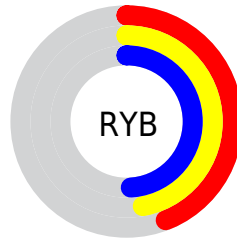
The XYZ color **17.5929, 19.3561, 21.5477** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2554, 17.3109, 18.3525**, and the grayscale version is **18.0423, 18.9819, 20.6713**.

A 20% lighter version of the original color is **38.7802, 42.1451, 46.6483**, and **5.9321, 6.6504, 7.4496** is the 20% darker color. If you saturate the color by 10%, you get **16.0352, 18.5617, 21.1082**, and if you desaturate by 10%, it is **19.3706, 20.2648, 22.0026**.

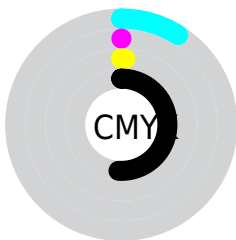
Distribution



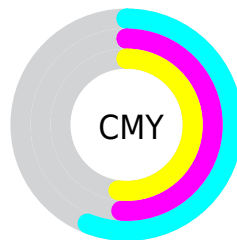
- Red (44%)
- Green (49%)
- Blue (48%)



- Red (44%)
- Yellow (47%)
- Blue (49%)



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (51%)



- Cyan (56%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5929, 19.3561, 21.5477 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 17.5929, 19.3561, 21.5477 by changing the saturation by 10% instead.

■ 17.5929, 19.3561,
21.5477

■ 17.5929, 19.3561,
21.5477

231.6565,
248.4076, 273.0511

■ 10.7560, 11.9279,
13.3298

■ 38.8779, 42.3350,
46.8899

■ 5.9691, 6.6946,
7.5227

■ 54.0568, 58.6544,
64.8512

■ 2.8668, 3.2718,
3.7077

■ 72.7471, 78.7063,
86.8975

■ 1.0837, 1.2752,
1.4664

■ 95.3141, 102.8752,
113.4471

■ 0.0114, 0.1219,
0.1927

122.1232,
131.5453, 144.9188

■ 0.0000, 0.0000,
0.0000

153.5397,

165.1012, 181.7310

189.9290,
203.9272, 224.3022

■ 17.5929, 19.3561,
21.5477

■ 17.5929, 19.3561,
21.5477

■ 16.0352, 18.5617,
21.1082

■ 19.3706, 20.2648,
22.0026

■ 14.6869, 17.8747,
20.6823

■ 21.3748, 21.2898,
22.4719

■ 13.5394, 17.2910,
20.2700

■ 23.6140, 22.4357,
22.9566

■ 12.5823, 16.8055,
19.8709

■ 26.0957, 23.7065,
23.4569

■ 11.8049, 16.4125,
19.4844

■ 28.8270, 25.1060,
23.9732

■ 11.1950, 16.1058,
19.1099

■ 31.8147, 26.6375,
24.5058

■ 10.7390, 15.8782,
18.7468

■ 35.0654, 28.3045,
25.0551

■ 10.4213, 15.7219,
18.3943

■ 38.5856, 30.1103,
25.6213

■ 10.1969, 15.6136,
18.0504

■ 42.3812, 32.0581,
26.2048

Harmonies

Analogous

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



17.6197, 19.3561, 20.3214



17.5929, 19.3561, 21.5477



17.7792, 19.3561, 22.6902

Triad

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



17.5929, 19.3561, 21.5477



18.9529, 19.3561, 22.9175



18.6652, 19.3561, 18.8958

Complementary

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



17.5929, 19.3561, 21.5477



17.2554, 17.3109, 18.3525

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.



19.0298, 19.3561, 19.5393



17.5929, 19.3561, 21.5477



19.1977, 19.3561, 21.8481

Square

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



17.5929, 19.3561, 21.5477



18.5615, 19.3561, 23.5015



19.2260, 19.3561, 20.6103



18.2342, 19.3561, 18.8225

Rectangle

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



17.5929, 19.3561, 21.5477



18.0008, 19.3561, 23.2382



19.2260, 19.3561, 20.6103



18.7998, 19.3561, 19.0514

Sweetspot

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



17.5935, 19.3569, 21.5481



32.7250, 34.9641, 38.3785



17.1414, 19.1925, 18.4243



7.6533, 8.2070, 9.0250



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.



17.5935, 19.3569, 21.5481



30.2693, 33.7099, 37.7305



17.1173, 18.3036, 21.7005



4.0921, 4.5064, 5.0187



10.3400, 15.8597, 18.3073



49.1583, 75.5863, 86.4604

Inverse Universe

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



17.2554, 17.3109, 18.3525



29.5259, 29.2109, 30.7040



17.7016, 18.2941, 18.2213



4.0118, 4.0204, 4.2596



8.5128, 4.3813, 0.7253



40.4627, 20.8414, 2.7006

Previews

White Background



This preview shows how the XYZ color 17.5929, 19.3561, 21.5477 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 17.5929, 19.3561, 21.5477 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

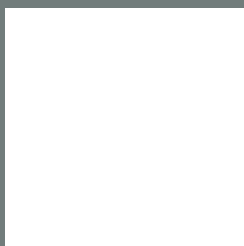
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5929, 19.3561, 21.5477

Background



This preview shows how black text looks on a background with the XYZ color 17.5929, 19.3561, 21.5477.



This preview shows how white text looks on a background with the XYZ color 17.5929, 19.3561,

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

17.5929, 19.3561, 21.5477

Protanopia

18.6007, 19.3403, 20.8418

Deuteranopia

19.6322, 19.3176, 21.7627



Tritanopia

18.3180, 19.4767, 24.6237

Trichromacy



Original Color

17.5929, 19.3561, 21.5477

Protanomaly

18.2181, 19.3173, 21.1808

Deuteranomaly

18.8120, 19.2482, 21.7925

Tritanomaly

17.9848, 19.3283, 23.5517

Monochromacy



Original Color

17.5929, 19.3561, 21.5477

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9436, 19.1758, 21.1679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5929, 19.3561, 21.5477 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(113, 124, 123)` looks like.

```
.text, #text, p{  
    color:rgb(113, 124, 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(113, 124, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 124, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.5929, 19.3561, 21.5477 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(113, 124, 123) }
```


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

```
.border{ border-color:rgb(113, 124, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 124, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 124, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 124, 123);  
box-shadow:4px 4px 4px 4px rgb(113, 124,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5929, 19.3561, 21.5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 124, 123) }
```

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

```
.background{ background-color: rgb(113,  
124, 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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