

Converting Colors

XYZ(17.0938, 17.9800, 21.6140)

Have a look what the booklet for
XYZ(17.0938, 17.9800, 21.6140)
contains.

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Color

**XYZ(17.0560, 17.9895,
21.6422)**

Conversions

Conversions Part 1

Format	Color
Hex	72767C
RGB	114, 118, 124
RGB Percent	45%, 46%, 49%
CMY	0.5529, 0.5372, 0.5137
CMYK	0.08, 0.05, 0.00, 0.51
HSL	216°, 4%, 47%
HSV	216°, 8%, 49%
XYZ	17.0560, 17.9895, 21.6422
YIQ	117.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

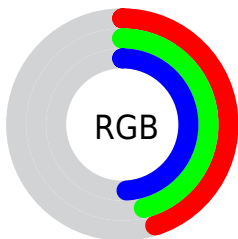
Format	Color
RYB	114, 117, 124
Decimal	7501436
CIELab	49.48, -0.23, -3.82
CIELCh	49, 3.824, 266.493
Yxy	17.9895, 0.3009, 0.3173
Android (android.graphics.Color)	4285691516 (0xFF72767C)
YUV	117.4880, 3.2104, -3.0590
Hunter-Lab	42.4140, -2.4442, -0.5635

Details

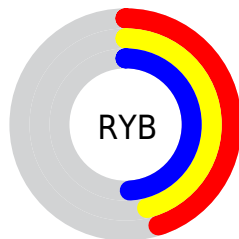
The XYZ color **17.0560, 17.9895, 21.6422** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0661, 18.9330, 18.6223**, and the grayscale version is **17.0518, 17.9398, 19.5364**.

A 20% lighter version of the original color is **37.9371, 39.9910, 46.7938**, and **5.7069, 6.0466, 7.5229** is the 20% darker color. If you saturate the color by 10%, you get **14.7096, 15.5308, 21.2916**, and if you desaturate by 10%, it is **19.6913, 20.7006, 22.0269**.

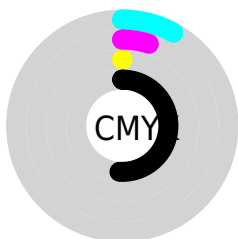
Distribution



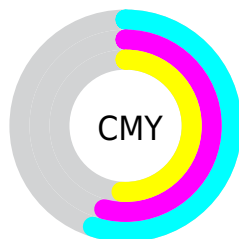
- Red (45%)
- Green (46%)
- Blue (49%)



- Red (45%)
- Yellow (46%)
- Blue (49%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (51%)



- Cyan (55%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0560, 17.9895, 21.6422 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 17.0560, 17.9895, 21.6422 by changing the saturation by 10% instead.

■ 17.0560, 17.9895,
21.6422

■ 17.0560, 17.9895,
21.6422

228.6448,
240.8119, 273.5643

■ 10.3700, 10.9424,
13.3984

■ 37.9649, 40.0194,
47.0485

■ 5.7091, 6.0281,
7.5695

■ 52.9184, 55.7711,
65.0481

■ 2.7080, 2.8622,
3.7370

■ 71.3585, 75.1931,
87.1367

■ 1.0013, 1.0602,
1.4822

■ 93.6505, 98.6698,
113.7330

■ 0.0000, 0.0000,
0.2046

120.1598,
126.5857, 145.2553

■ 0.0000, 0.0000,
0.0000

151.2517,

159.3250, 182.1222

187.2916,
197.2723, 224.7524

■ 17.0560, 17.9895,
21.6422

■ 17.0560, 17.9895,
21.6422

■ 14.7096, 15.5308,
21.2916

■ 19.6913, 20.7006,
22.0269

■ 12.6401, 13.3146,
20.9729

■ 22.6236, 23.6692,
22.4453

■ 10.8371, 11.3336,
20.6855

■ 25.8627, 26.9031,
22.8988

■ 9.2889, 9.5792,
20.4285

■ 29.4176, 30.4089,
23.3881

■ 7.9828, 8.0421,
20.2007

■ 33.2968, 34.1931,
23.9141

■ 6.9049, 6.7126,
20.0008

■ 37.5085, 38.2620,
24.4775

■ 6.0398, 5.5797,
19.8278

■ 42.0605, 42.6215,
25.0791

■ 5.3701, 4.6315,
19.6800

■ 46.9604, 47.2777,
25.7195

■ 4.8545, 3.8434,
19.5551

■ 52.2157, 52.2360,
26.3996

Harmonies

Analogous

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



16.7177, 17.9895, 21.2945



17.0560, 17.9895, 21.6422



17.4104, 17.9895, 21.4235

Triad

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



17.0560, 17.9895, 21.6422



17.7281, 17.9895, 18.7129



16.5255, 17.9895, 18.5091

Complementary

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



17.0560, 17.9895, 21.6422



18.0661, 18.9330, 18.6223

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.



16.7903, 17.9895, 17.8595



17.0560, 17.9895, 21.6422



17.4850, 17.9895, 17.9742

Square

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



17.0560, 17.9895, 21.6422



17.8016, 17.9895, 19.7095



17.1410, 17.9895, 17.6672



16.4141, 17.9895, 19.4660

Rectangle

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



17.0560, 17.9895, 21.6422



17.6075, 17.9895, 20.9901



17.1410, 17.9895, 17.6672



16.5993, 17.9895, 18.2489

Sweetspot

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



17.0565, 17.9903, 21.6426



32.7427, 34.4740, 38.4850



17.5275, 19.3451, 20.5269



7.7277, 8.1359, 9.0662



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.



17.0565, 17.9903, 21.6426



29.0750, 30.6804, 37.9461



16.7042, 17.1239, 21.4939



3.9170, 4.1324, 5.0344



4.8390, 3.7603, 19.8561



22.2972, 16.3670, 94.4537

Inverse Universe

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



17.6000, 17.6282, 19.6153



30.2766, 29.8997, 33.4593



18.4375, 19.8538, 18.7804



4.0586, 4.0392, 4.5062



9.0258, 4.5865, 3.4268



42.6577, 21.7194, 14.2596

Previews

White Background



This preview shows how the XYZ color 17.0560, 17.9895, 21.6422 looks on a white background.

Color Contrast Check

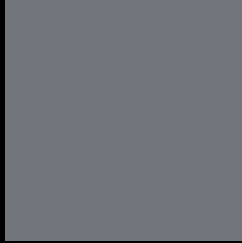
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0560, 17.9895, 21.6422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

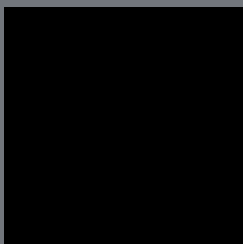
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

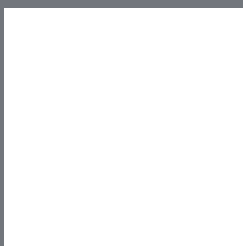
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0560, 17.9895, 21.6422

Background



This preview shows how black text looks on a background with the XYZ color 17.0560, 17.9895, 21.6422.



This preview shows how white text looks on a background with the XYZ color 17.0560, 17.9895,

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

17.0560, 17.9895, 21.6422

Protanopia

17.4077, 18.0042, 21.2966

Deuteranopia

18.3232, 17.9509, 21.9012



Tritanopia

17.2486, 18.0666, 22.6568

Trichromacy



Original Color

17.0560, 17.9895, 21.6422

Protanomaly

17.2726, 17.9345, 21.2902

Deuteranomaly

17.8584, 17.8797, 21.9119

Tritanomaly

17.1838, 18.0406, 22.3152

Monochromacy



Original Color

17.0560, 17.9895, 21.6422

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.9539, 17.7916, 20.3099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0560, 17.9895, 21.6422 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(114, 118, 124)` looks like.

```
.text, #text, p{  
    color:rgb(114, 118, 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(114, 118, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 118, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.0560, 17.9895, 21.6422 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(114, 118, 124) }
```


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

```
.border{ border-color:rgb(114, 118, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 118, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 118, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 118, 124);  
box-shadow:4px 4px 4px 4px rgb(114, 118,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0560, 17.9895, 21.6422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 118, 124) }
```

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

```
.background{ background-color: rgb(114,  
118, 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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