

Converting Colors

XYZ(16.9935, 17.8482, 22.7993)

Have a look what the booklet for
XYZ(16.9935, 17.8482, 22.7993)
contains.

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Color

**XYZ(17.0568, 17.9601,
22.9897)**

Conversions

Conversions Part 1

Format	Color
Hex	707680
RGB	112, 118, 128
RGB Percent	44%, 46%, 50%
CMY	0.5608, 0.5372, 0.4980
CMYK	0.12, 0.08, 0.00, 0.50
HSL	217°, 7%, 47%
HSV	217°, 12%, 50%
XYZ	17.0568, 17.9601, 22.9897
YIQ	117.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

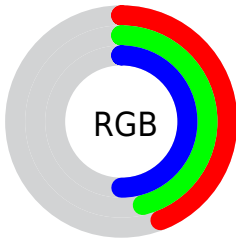
Format	Color
R_{YB}	112, 116, 128
Decimal	7370368
CIE Lab	49.45, -0.08, -6.25
CIE LCh	49, 6.253, 269.306
Yxy	17.9601, 0.2940, 0.3096
Android (android.graphics.Color)	4285560448 (0xFF707680)
YUV	117.3460, 5.2524, -4.6884
Hunter-Lab	42.3794, -2.3214, -2.4977

Details

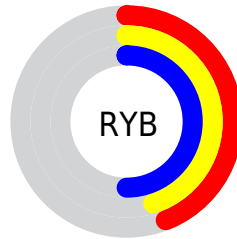
The XYZ color **17.0568, 17.9601, 22.9897** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.7864, 19.6780, 18.1377**, and the grayscale version is **17.0020, 17.8874, 19.4794**.

A 20% lighter version of the original color is **38.0251, 39.9782, 49.4285**, and **5.7158, 6.0348, 8.2607** is the 20% darker color. If you saturate the color by 10%, you get **14.6403, 15.3752, 22.6184**, and if you desaturate by 10%, it is **19.7858, 20.8256, 23.3993**.

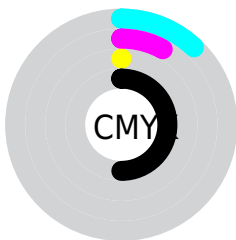
Distribution



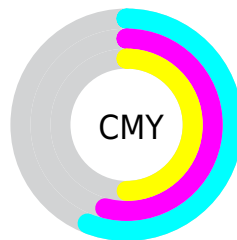
- Red (44%)
- Green (46%)
- Blue (50%)



- Red (44%)
- Yellow (45%)
- Blue (50%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0568, 17.9601, 22.9897 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 17.0568, 17.9601, 22.9897 by changing the saturation by 10% instead.

■ 17.0568, 17.9601,
22.9897

■ 17.0568, 17.9601,
22.9897

228.6494,
240.6461, 280.7923

■ 10.3706, 10.9213,
14.3807

■ 37.9662, 39.9693,
49.2994

■ 5.7095, 6.0140,
8.2441

■ 52.9201, 55.7086,
67.8371

■ 2.7082, 2.8536,
4.1616

■ 71.3606, 75.1168,
90.5215

■ 1.0014, 1.0558,
1.7144

■ 93.6530, 98.5784,
117.7711

■ 0.0000, 0.0000,
0.3706

120.1628,
126.4777, 150.0045

■ 0.0000, 0.0000,
0.0000

151.2552,

159.1991, 187.6401

187.2956,
197.1271, 231.0965

■ 17.0568, 17.9601,
22.9897

■ 17.0568, 17.9601,
22.9897

■ 14.6403, 15.3752,
22.6184

■ 19.7858, 20.8256,
23.3993

■ 12.5230, 13.0598,
22.2831

■ 22.8369, 23.9781,
23.8469

■ 10.6930, 11.0051,
21.9829

■ 26.2209, 27.4264,
24.3342

■ 9.1370, 9.2011,
21.7167

■ 29.9479, 31.1784,
24.8619

■ 7.8403, 7.6369,
21.4832

■ 34.0275, 35.2414,
25.4312

■ 6.7871, 6.3009,
21.2808

■ 38.4688, 39.6228,
26.0428

■ 5.9593, 5.1801,
21.1081

■ 43.2808, 44.3295,
26.6976

■ 5.3362, 4.2600,
20.9633

■ 48.4718, 49.3683,
27.3966

■ 4.9538, 3.6735,
20.8703

■ 54.0503, 54.7456,
28.1405

Harmonies

Analogous

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



16.4976, 17.9601, 22.4864



17.0568, 17.9601, 22.9897



17.6322, 17.9601, 22.5296

Triad

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



17.0568, 17.9601, 22.9897



18.0797, 17.9601, 18.0070



16.1129, 17.9601, 17.9425

Complementary

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



17.0568, 17.9601, 22.9897



18.7864, 19.6780, 18.1377

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.



16.5209, 17.9601, 16.8554



17.0568, 17.9601, 22.9897



17.6566, 17.9601, 16.8910

Square

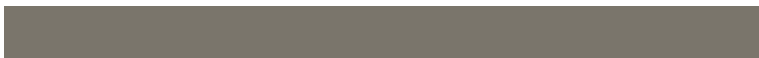
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.0568, 17.9601, 22.9897



18.2309, 17.9601, 19.5949



17.0843, 17.9601, 16.4815



15.9604, 17.9601, 19.5162

Rectangle

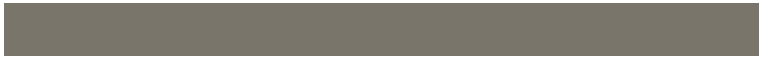
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.0568, 17.9601, 22.9897



17.9458, 17.9601, 21.7527



17.0843, 17.9601, 16.4815



16.2242, 17.9601, 17.5115

Sweetspot

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



17.0573, 17.9609, 22.9901



34.0331, 35.8296, 41.0783



17.9062, 20.2852, 21.3411



7.8908, 8.3080, 9.6060



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.0573, 17.9609, 22.9901



28.7658, 30.2777, 40.2843



16.6129, 16.7157, 22.7732



4.2308, 4.4555, 5.4503



4.9132, 3.6450, 20.6945



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.9667, 17.4859, 19.5685



30.7040, 29.3055, 32.9826



19.2679, 21.0542, 18.3780



4.3893, 4.3689, 4.8546



9.3570, 4.7625, 3.2035



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0568, 17.9601, 22.9897 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 17.0568, 17.9601, 22.9897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

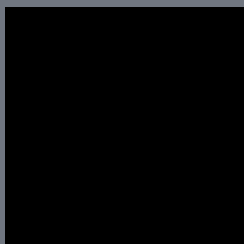
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

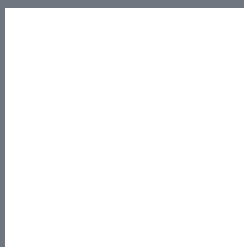
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0568, 17.9601, 22.9897

Background



This preview shows how black text looks on a background with the XYZ color 17.0568, 17.9601, 22.9897.



This preview shows how white text looks on a background with the XYZ color 17.0568, 17.9601,

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

17.0568, 17.9601, 22.9897

Protanopia

17.5282, 18.0368, 22.6363

Deuteranopia

18.2919, 17.9047, 23.2607



Tritanopia

16.9913, 17.9339, 22.6447

Trichromacy



Original Color

17.0568, 17.9601, 22.9897

Protanomaly

17.2623, 17.8997, 22.6238

Deuteranomaly

17.8389, 17.8395, 23.2720

Tritanomaly

16.9913, 17.9339, 22.6447

Monochromacy



Original Color

17.0568, 17.9601, 22.9897

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.8827, 17.7479, 20.6250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0568, 17.9601, 22.9897 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, 118, 128)` looks like.

```
.text, #text, p{  
    color:rgb(112, 118, 128)  
}
```

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, 118, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 118, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.0568, 17.9601, 22.9897 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, 118, 128) }
```


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

```
.border{ border-color:rgb(112, 118, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 118, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 118, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 118, 128);  
box-shadow:4px 4px 4px 4px rgb(112, 118,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0568, 17.9601, 22.9897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 118, 128) }
```

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

```
.background{ background-color: rgb(112,  
118, 128) }
```

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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