

Converting Colors

XYZ(16.9836, 18.5119, 22.0633)

Have a look what the booklet for
XYZ(16.9836, 18.5119, 22.0633)
contains.

XYZ(16.9695, 18.4704, 22.0728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.9695, 18.4704,
22.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	6E797D
RGB	110, 121, 125
RGB Percent	43%, 47%, 49%
CMY	0.5686, 0.5255, 0.5098
CMYK	0.12, 0.03, 0.00, 0.51
HSL	196°, 6%, 46%
HSV	196°, 12%, 49%
XYZ	16.9695, 18.4704, 22.0728
YIQ	118.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

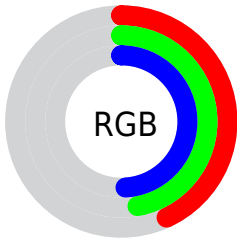
Format	Color
R_{YB}	110, 116, 125
Decimal	7240061
CIE Lab	50.06, -3.20, -3.59
CIE LCh	50, 4.811, 228.239
Yxy	18.4704, 0.2951, 0.3212
Android (android.graphics.Color)	4285430141 (0xFF6E797D)
YUV	118.1670, 3.3687, -7.1625
Hunter-Lab	42.9772, -4.7296, -0.3669

Details

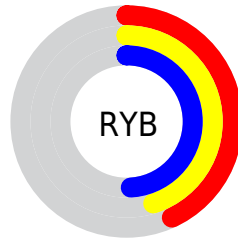
The XYZ color **16.9695, 18.4704, 22.0728** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2895, 17.5205, 17.2229**, and the grayscale version is **17.2642, 18.1633, 19.7798**.

A 20% lighter version of the original color is **37.8797, 40.7829, 47.9949**, and **5.6737, 6.3110, 7.7566** is the 20% darker color. If you saturate the color by 10%, you get **15.1248, 16.9291, 21.8728**, and if you desaturate by 10%, it is **19.0487, 20.1543, 22.2885**.

Distribution



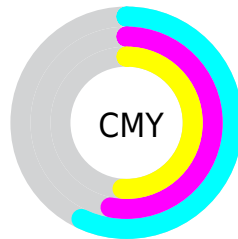
- Red (43%)
- Green (47%)
- Blue (49%)



- Red (43%)
- Yellow (45%)
- Blue (49%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (57%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9695, 18.4704, 22.0728 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 16.9695, 18.4704, 22.0728 by changing the saturation by 10% instead.

■ 16.9695, 18.4704,
22.0728

■ 16.9695, 18.4704,
22.0728

228.1562,
243.5093, 275.8921

■ 10.3079, 11.2882,
13.7116

■ 37.8173, 40.8373,
47.7700

■ 5.6674, 6.2611,
7.7839

■ 52.7343, 56.7907,
65.9431

■ 2.6826, 3.0045,
3.8712

■ 71.1338, 76.4368,
88.2239

■ 0.9883, 1.1341,
1.5549

■ 93.3811, 100.1598,
115.0309

■ 0.0000, 0.0068,
0.2584

119.8417,
128.3441, 146.7827

■ 0.0000, 0.0000,
0.0000

150.8808,

161.3742, 183.8978

186.8639,
199.6345, 226.7948

■ 16.9695, 18.4704,
22.0728

■ 16.9695, 18.4704,
22.0728

■ 15.1248, 16.9291,
21.8728

■ 19.0487, 20.1543,
22.2885

■ 13.5037, 15.5232,
21.6869

■ 21.3695, 21.9833,
22.5192

■ 12.0969, 14.2480,
21.5149

■ 23.9407, 23.9626,
22.7658

■ 10.8935, 13.0979,
21.3563

■ 26.7703, 26.0964,
23.0285

■ 9.8821, 12.0666,
21.2106

■ 29.8656, 28.3887,
23.3078

■ 9.0495, 11.1473,
21.0770

■ 33.2340, 30.8436,
23.6041

■ 8.3813, 10.3322,
20.9549

■ 36.8824, 33.4648,
23.9178

■ 7.8604, 9.6122,
20.8434

■ 40.8173, 36.2559,
24.2491

■ 7.5012, 9.0796,
20.7595

■ 45.0454, 39.2203,
24.5985

Harmonies

Analogous

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



16.7238, 18.4704, 20.9194



16.9695, 18.4704, 22.0728



17.3748, 18.4704, 22.7109

Triad

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



16.9695, 18.4704, 22.0728



18.4413, 18.4704, 20.6351



17.2785, 18.4704, 17.7863

Complementary

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



16.9695, 18.4704, 22.0728



17.2895, 17.5205, 17.2229

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.



17.7376, 18.4704, 17.7177



16.9695, 18.4704, 22.0728



18.4144, 18.4704, 19.3239

Square

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



16.9695, 18.4704, 22.0728



18.2278, 18.4704, 21.8568



18.1550, 18.4704, 18.2693



16.9001, 18.4704, 18.4610

Rectangle

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



16.9695, 18.4704, 22.0728



17.6834, 18.4704, 22.7404



18.1550, 18.4704, 18.2693



17.4283, 18.4704, 17.6927

Sweetspot

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



16.9700, 18.4712, 22.0732



33.2949, 35.4374, 39.8296



16.7875, 19.1918, 18.6651



7.5168, 8.0153, 9.0540



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.



16.9700, 18.4712, 22.0732



29.5789, 32.4086, 39.4409



16.1217, 16.7744, 21.7904



4.3525, 4.6990, 5.4909



7.8229, 9.4644, 21.6644



0.0000, 0.0000, 0.0000

Inverse Universe

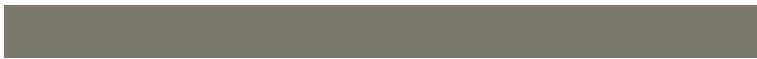
The Inverse Universe completely reimagines the original color for something new.



17.4850, 16.8928, 20.4291



30.6700, 29.1049, 35.9486



18.1401, 19.2217, 17.5064



4.4508, 4.3935, 5.1782



10.8256, 5.3499, 10.9374



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9695, 18.4704, 22.0728 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 16.9695, 18.4704, 22.0728 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

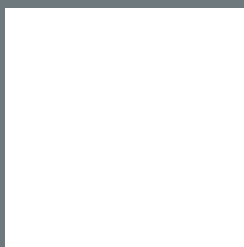
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9695, 18.4704, 22.0728

Background



This preview shows how black text looks on a background with the XYZ color 16.9695, 18.4704, 22.0728.



This preview shows how white text looks on a background with the XYZ color 16.9695, 18.4704,

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

16.9695, 18.4704, 22.0728

Protanopia

17.7993, 18.3800, 21.3485

Deuteranopia

18.6490, 18.2799, 22.2841



Tritanopia

17.3013, 18.4242, 23.7634

Trichromacy



Original Color

16.9695, 18.4704, 22.0728

Protanomaly

17.4374, 18.3619, 21.6939

Deuteranomaly

18.0123, 18.2939, 22.3204

Tritanomaly

17.1683, 18.3710, 23.0632

Monochromacy



Original Color

16.9695, 18.4704, 22.0728

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1182, 18.2190, 20.7035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9695, 18.4704, 22.0728 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(110, 121, 125)` looks like.

```
.text, #text, p{  
    color:rgb(110, 121, 125)  
}
```

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(110, 121, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 121, 125) }
```

Border

The CSS property to change the border of an element to XYZ 16.9695, 18.4704, 22.0728 is called "border". The border property can be set on classes, ids or directly on the HTML element.

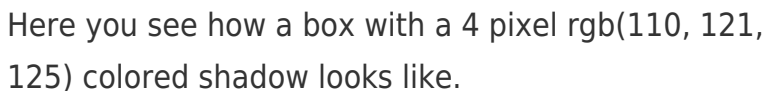
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 121, 125) }
```


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

```
.border{ border-color:rgb(110, 121, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 121, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 121, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 121, 125); box-shadow:4px 4px 4px 4px rgb(110, 121, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9695, 18.4704, 22.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 121, 125) }
```

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

```
.background{ background-color: rgb(110,  
121, 125) }
```

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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