

Converting Colors

XYZ(16.9093, 17.1751, 22.4830)

Have a look what the booklet for
XYZ(16.9093, 17.1751, 22.4830)
contains.

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Color

**XYZ(16.9183, 17.2118,
22.5092)**

Conversions

Conversions Part 1

Format	Color
Hex	73727F
RGB	115, 114, 127
RGB Percent	45%, 45%, 50%
CMY	0.5490, 0.5529, 0.5020
CMYK	0.09, 0.10, 0.00, 0.50
HSL	245°, 5%, 47%
HSV	245°, 10%, 50%
XYZ	16.9183, 17.2118, 22.5092
YIQ	115.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

Format	Color
R_{YB}	115, 114, 127
Decimal	7565951
CIE _{Lab}	48.53, 3.13, -7.01
CIE _{LCh}	49, 7.675, 294.089
Yxy	17.2118, 0.2987, 0.3039
Android (android.graphics.Color)	4285756031 (0xFF73727F)
YUV	115.7810, 5.5310, -0.6849
Hunter-Lab	41.4871, 0.1893, -3.1273

Details

The XYZ color **16.9183, 17.2118, 22.5092** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2315, 20.8298, 18.9274**, and the grayscale version is **16.5183, 17.3785, 18.9252**.

A 20% lighter version of the original color is **37.8108, 38.7832, 48.6731**, and **5.6381, 5.6398, 7.9992** is the 20% darker color. If you saturate the color by 10%, you get **14.1392, 13.7985, 21.9971**, and if you desaturate by 10%, it is **20.0935, 21.1255, 23.0975**.

Distribution



Red (45%)

Green (45%)

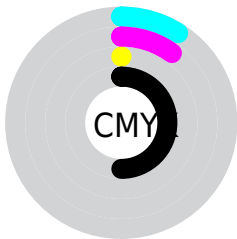
Blue (50%)



Red (45%)

Yellow (45%)

Blue (50%)



Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9183, 17.2118, 22.5092 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 16.9183, 17.2118, 22.5092 by changing the saturation by 10% instead.

■ 16.9183, 17.2118,
22.5092

■ 16.9183, 17.2118,
22.5092

227.8666,
236.3900, 278.2338

■ 10.2712, 10.3856,
14.0296

■ 37.7300, 38.6896,
48.4991

■ 5.6428, 5.6554,
8.0023

■ 52.6252, 54.1100,
66.8465

■ 2.6677, 2.6367,
4.0086

■ 71.0006, 73.1639,
89.3203

■ 0.9806, 0.9451,
1.6301

■ 93.2215, 96.2357,
116.3390

■ 0.0000, 0.0000,
0.3121

119.6531,
123.7098, 148.3212

■ 0.0000, 0.0000,
0.0000

150.6610,

155.9706, 185.6853

186.6103,
193.4026, 228.8500

■ 16.9183, 17.2118,
22.5092

■ 16.9183, 17.2118,
22.5092

■ 14.1392, 13.7985,
21.9971

■ 20.0935, 21.1255,
23.0975

■ 11.7391, 10.8634,
21.5571

■ 23.6779, 25.5564,
23.7639

■ 9.7021, 8.3857,
21.1862

■ 27.6859, 30.5231,
24.5113

■ 8.0105, 6.3424,
20.8810

■ 32.1307, 36.0427,
25.3424

■ 6.6450, 4.7084,
20.6375

■ 37.0250, 42.1317,
26.2597

■ 5.5845, 3.4559,
20.4517

■ 42.3809, 48.8055,
27.2656

■ 4.8054, 2.5541,
20.3187

■ 48.2100, 56.0793,
28.3624

■ 4.2807, 1.9668,
20.2329

■ 54.5237, 63.9676,
29.5522

■ 3.9529, 1.5952,
20.1785

■ 61.3327, 72.4844,
30.8372

Harmonies

Analogous

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



16.2202, 17.2118, 22.8695



16.9183, 17.2118, 22.5092



17.4809, 17.2118, 21.1089

Triad

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



16.9183, 17.2118, 22.5092



17.1666, 17.2118, 15.7716



15.0489, 17.2118, 18.3441

Complementary

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



16.9183, 17.2118, 22.5092



19.2315, 20.8298, 18.9274

Split Complementary

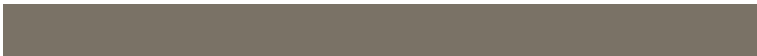
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.2868, 17.2118, 16.5566



16.9183, 17.2118, 22.5092



16.4992, 17.2118, 15.1415

Square

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



16.9183, 17.2118, 22.5092



17.6271, 17.2118, 17.2018



15.8128, 17.2118, 15.4182



15.1538, 17.2118, 20.3688

Rectangle

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



16.9183, 17.2118, 22.5092



17.6966, 17.2118, 19.8243



15.8128, 17.2118, 15.4182



15.0912, 17.2118, 17.6974

Sweetspot

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



16.9188, 17.2125, 22.5096



34.2961, 35.7497, 41.0490



18.2487, 20.0660, 22.9903



7.9295, 8.2465, 9.5921



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.



16.9188, 17.2125, 22.5096



29.2195, 29.4975, 40.1098



17.7854, 17.6592, 22.5501



4.1371, 4.2263, 5.4110



3.9860, 1.6085, 20.3503



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.5363, 18.0538, 22.2474



32.6518, 31.2830, 39.5450



18.3222, 20.3610, 18.8849



4.4844, 4.4069, 5.3552



12.0800, 5.8517, 17.5427



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9183, 17.2118, 22.5092 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 16.9183, 17.2118, 22.5092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

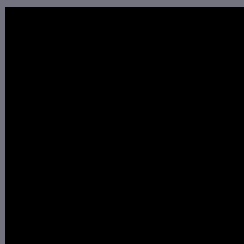
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

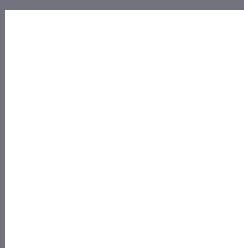
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9183, 17.2118, 22.5092

Background



This preview shows how black text looks on a background with the XYZ color 16.9183, 17.2118, 22.5092.



This preview shows how white text looks on a background with the XYZ color 16.9183, 17.2118,

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

16.9183, 17.2118, 22.5092

Protanopia

16.7875, 17.1443, 22.5031

Deuteranopia

17.5101, 17.1856, 22.4729



Tritanopia

16.7083, 17.2941, 21.5263

Trichromacy



Original Color

16.9183, 17.2118, 22.5092

Protanomaly

16.7875, 17.1443, 22.5031

Deuteranomaly

17.3436, 17.2645, 22.4969

Tritanomaly

16.7718, 17.3195, 21.8611

Monochromacy



Original Color

16.9183, 17.2118, 22.5092

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7234, 17.3305, 20.2330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9183, 17.2118, 22.5092 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(115, 114, 127)` looks like.

```
.text, #text, p{  
    color:rgb(115, 114, 127)  
}
```

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(115, 114, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 114, 127) }
```

Border

The CSS property to change the border of an element to XYZ 16.9183, 17.2118, 22.5092 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(115, 114, 127) }
```


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

```
.border{ border-color:rgb(115, 114, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 114, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 114, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 114, 127);  
box-shadow:4px 4px 4px 4px rgb(115, 114,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9183, 17.2118, 22.5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 114, 127) }
```

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

```
.background{ background-color: rgb(115,  
114, 127) }
```

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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