

Converting Colors

XYZ(17.5648, 18.4228, 22.5881)

Have a look what the booklet for
XYZ(17.5648, 18.4228, 22.5881)
contains.

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Color

**XYZ(17.6300, 18.4390,
22.7085)**

Conversions

Conversions Part 1

Format	Color
Hex	74777F
RGB	116, 119, 127
RGB Percent	45%, 47%, 50%
CMY	0.5451, 0.5333, 0.5020
CMYK	0.09, 0.06, 0.00, 0.50
HSL	224°, 5%, 48%
HSV	224°, 9%, 50%
XYZ	17.6300, 18.4390, 22.7085
YIQ	119.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

Format	Color
R_{YB}	116, 118, 127
Decimal	7632767
CIE Lab	50.02, 0.56, -4.77
CIE LCh	50, 4.804, 276.734
Yxy	18.4390, 0.2999, 0.3137
Android (android.graphics.Color)	4285822847 (0xFF74777F)
YUV	119.0150, 3.9366, -2.6442
Hunter-Lab	42.9407, -1.8600, -1.2961

Details

The XYZ color **17.6300, 18.4390, 22.7085** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.1123, 20.1878, 19.4125**, and the grayscale version is **17.5287, 18.4415, 20.0828**.

A 20% lighter version of the original color is **38.9496, 40.7459, 48.9919**, and **6.0123, 6.2855, 8.1041** is the 20% darker color. If you saturate the color by 10%, you get **15.0100, 15.5360, 22.2865**, and if you desaturate by 10%, it is **20.5887, 21.6761, 23.1777**.

Distribution



Red (45%)

Green (47%)

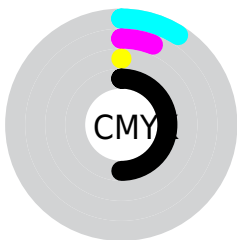
Blue (50%)



Red (45%)

Yellow (46%)

Blue (50%)

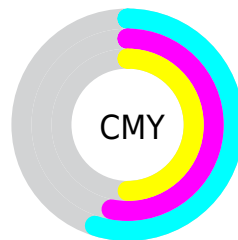


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6300, 18.4390, 22.7085 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 17.6300, 18.4390, 22.7085 by changing the saturation by 10% instead.

■ 17.6300, 18.4390,
22.7085

■ 17.6300, 18.4390,
22.7085

231.8633,
243.3340, 279.2975

■ 10.7828, 11.2656,
14.1751

■ 38.9409, 40.7840,
48.8314

■ 5.9872, 6.2458,
8.1024

■ 54.1352, 56.7243,
67.2579

■ 2.8779, 2.9951,
4.0719

■ 72.8426, 76.3558,
89.8193

■ 1.0895, 1.1292,
1.6648

95.4285, 100.0628,
116.9341

■ 0.0163, 0.0027,
0.3365

122.2581,
128.2298, 149.0207

■ 0.0000, 0.0000,
0.0000

153.6969,

161.2410, 186.4978

190.1102,
199.4809, 229.7839

■ 17.6300, 18.4390,
22.7085

■ 17.6300, 18.4390,
22.7085

■ 15.0100, 15.5360,
22.2865

■ 20.5887, 21.6761,
23.1777

■ 12.7147, 12.9538,
21.9091

■ 23.8962, 25.2554,
23.6942

■ 10.7316, 10.6820,
21.5751

■ 27.5640, 29.1874,
24.2599

■ 9.0466, 8.7081,
21.2829

■ 31.6029, 33.4817,
24.8759

■ 7.6447, 7.0194,
21.0309

■ 36.0229, 38.1473,
25.5435

■ 6.5092, 5.6017,
20.8171

■ 40.8340, 43.1931,
26.2638

■ 5.6219, 4.4396,
20.6395

■ 46.0454, 48.6274,
27.0381

■ 4.9618, 3.5162,
20.4961

■ 51.6662, 54.4586,
27.8674

■ 4.4800, 2.7992,
20.3831

■ 57.7053, 60.6945,
28.7527

Harmonies

Analogous

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



17.1775, 18.4390, 22.5038



17.6300, 18.4390, 22.7085



18.0619, 18.4390, 22.1837

Triad

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



17.6300, 18.4390, 22.7085



18.2467, 18.4390, 18.5947



16.7229, 18.4390, 19.0896

Complementary

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



17.6300, 18.4390, 22.7085



19.1123, 20.1878, 19.4125

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.



17.0002, 18.4390, 18.1080



17.6300, 18.4390, 22.7085



17.8786, 18.4390, 17.8312

Square

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



17.6300, 18.4390, 22.7085



18.4220, 18.4390, 19.7803



17.4218, 18.4390, 17.6570



16.6590, 18.4390, 20.3765

Rectangle

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



17.6300, 18.4390, 22.7085



18.2783, 18.4390, 21.5037



17.4218, 18.4390, 17.6570



16.7940, 18.4390, 18.7147

Sweetspot

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



17.6305, 18.4398, 22.7089



34.4573, 36.1862, 41.1248



18.4227, 20.3443, 21.9862



7.9759, 8.3721, 9.6139



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.



17.6305, 18.4398, 22.7089



30.7925, 32.1622, 40.5413



17.5997, 17.9017, 22.6067



4.1970, 4.3880, 5.4390



4.4587, 2.7359, 20.5430



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.3279, 18.3350, 20.0268



32.2564, 31.9534, 34.9083



19.1436, 20.7711, 19.5234



4.3723, 4.3621, 4.7649



9.1275, 4.6707, 1.9954



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.6300, 18.4390, 22.7085 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 17.6300, 18.4390, 22.7085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

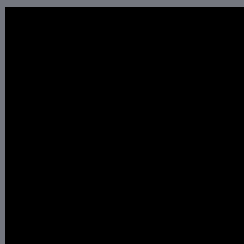
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

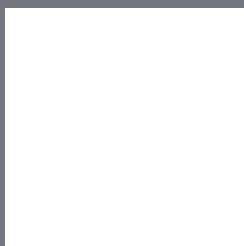
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.6300, 18.4390, 22.7085

Background



This preview shows how black text looks on a background with the XYZ color 17.6300, 18.4390, 22.7085.



This preview shows how white text looks on a background with the XYZ color 17.6300, 18.4390,

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

17.6300, 18.4390, 22.7085

Protanopia

17.9169, 18.4111, 22.6880

Deuteranopia

18.7459, 18.4849, 23.0020



Tritanopia

17.6956, 18.4652, 23.0536

Trichromacy

**Original Color**

17.6300, 18.4390, 22.7085

Protanomaly

17.7804, 18.3407, 22.6817

Deuteranomaly

18.2836, 18.4187, 23.0136

Tritanomaly

17.6956, 18.4652, 23.0536

Monochromacy

**Original Color**

17.6300, 18.4390, 22.7085

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5809, 18.4503, 21.0470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6300, 18.4390, 22.7085 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(116, 119, 127)` looks like.

```
.text, #text, p{  
    color:rgb(116, 119, 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(116, 119, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 119, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.6300, 18.4390, 22.7085 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(116, 119, 127) }
```


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

```
.border{ border-color:rgb(116, 119, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 119, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 119, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 119, 127);  
box-shadow:4px 4px 4px 4px rgb(116, 119,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6300, 18.4390, 22.7085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 119, 127) }
```

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

```
.background{ background-color: rgb(116,  
119, 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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