

Converting Colors

XYZ(17.9088, 19.8728, 22.6306)

Have a look what the booklet for
XYZ(17.9088, 19.8728, 22.6306)
contains.

XYZ(17.9088, 19.8728, 22.6306)	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(17.9088, 19.8728,
22.6306)**

Conversions

Conversions Part 1

Format	Color
Hex	707E7E
RGB	112, 126, 126
RGB Percent	44%, 49%, 49%
CMY	0.5608, 0.5059, 0.5059
CMYK	0.11, 0.00, 0.00, 0.51
HSL	180°, 6%, 47%
HSV	180°, 11%, 49%
XYZ	17.9088, 19.8728, 22.6306
YIQ	121.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

Format	Color
R_{YB}	112, 119, 126
Decimal	7372414
CIE _{Lab}	51.69, -5.13, -1.76
CIE _{LCh}	52, 5.427, 198.899
Yxy	19.8728, 0.2964, 0.3290
Android (android.graphics.Color)	4285562494 (0xFF707E7E)
YUV	121.8140, 2.0637, -8.6069
Hunter-Lab	44.5789, -6.3039, 1.1065

Details

The XYZ color **17.9088, 19.8728, 22.6306** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3237, 17.1943, 17.7358**, and the grayscale version is **18.4339, 19.3939, 21.1199**.

A 20% lighter version of the original color is **39.5666, 43.3874, 48.9370**, and **6.1078, 6.9336, 8.0376** is the 20% darker color. If you saturate the color by 10%, you get **16.4165, 19.1041, 22.5606**, and if you desaturate by 10%, it is **19.6266, 20.7589, 22.7120**.

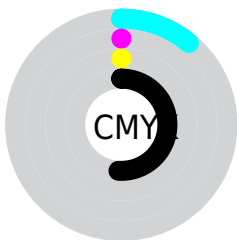
Distribution



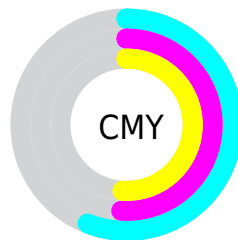
- Red (44%)
- Green (49%)
- Blue (49%)



- Red (44%)
- Yellow (47%)
- Blue (49%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9088, 19.8728, 22.6306 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 17.9088, 19.8728, 22.6306 by changing the saturation by 10% instead.

■ 17.9088, 19.8728,
22.6306

■ 17.9088, 19.8728,
22.6306

233.4120,
251.2257, 278.8821

■ 10.9838, 12.3026,
14.1183

■ 39.4132, 43.2038,
48.7015

■ 6.1232, 6.9501,
8.0633

■ 54.7233, 59.7334,
67.0972

■ 2.9615, 3.4309,
4.0471

■ 73.5591, 80.0183,
89.6244

■ 1.1334, 1.3606,
1.6512

■ 96.2861, 104.4429,
116.7017

■ 0.0528, 0.1874,
0.3270

123.2695,
133.3915, 148.7475

■ 0.0000, 0.0000,
0.0000

154.8747,

167.2486, 186.1805

191.4671,
206.3985, 229.4192

■ 17.9088, 19.8728,
22.6306

■ 17.9088, 19.8728,
22.6306

■ 16.4165, 19.1041,
22.5606

■ 19.6266, 20.7589,
22.7120

■ 15.1388, 18.4454,
22.5002

■ 21.5770, 21.7643,
22.8039

■ 14.0663, 17.8925,
22.4494

■ 23.7687, 22.8942,
22.9071

■ 13.1883, 17.4399,
22.4077

■ 26.2097, 24.1526,
23.0219

■ 12.4932, 17.0816,
22.3745

■ 28.9075, 25.5433,
23.1488

■ 11.9680, 16.8108,
22.3493

■ 31.8691, 27.0701,
23.2880

■ 11.5983, 16.6202,
22.3314

■ 35.1016, 28.7365,
23.4399

■ 11.3669, 16.5010,
22.3200

■ 38.6116, 30.5459,
23.6048

■ 11.2261, 16.4284,
22.3129

■ 42.4055, 32.5017,
23.7829

Harmonies

Analogous

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



17.8730, 19.8728, 21.0621



17.9088, 19.8728, 22.6306



18.2041, 19.8728, 23.9933

Triad

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



17.9088, 19.8728, 22.6306



19.6939, 19.8728, 23.6837



19.0922, 19.8728, 18.8092

Complementary

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



17.9088, 19.8728, 22.6306



17.3237, 17.1943, 17.7358

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.



19.5899, 19.8728, 19.4423



17.9088, 19.8728, 22.6306



19.9417, 19.8728, 22.2245

Square

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



17.9088, 19.8728, 22.6306



19.2319, 19.8728, 24.6213



19.9033, 19.8728, 20.6751



18.5492, 19.8728, 18.9061

Rectangle

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



17.9088, 19.8728, 22.6306



18.5116, 19.8728, 24.5781



19.9033, 19.8728, 20.6751



19.2705, 19.8728, 18.9424

Sweetspot

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



17.9094, 19.8736, 22.6310



33.9219, 36.2169, 39.9467



17.0978, 19.5524, 18.2023



7.6645, 8.2115, 9.0840



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.



17.9094, 19.8736, 22.6310



30.9138, 34.6662, 39.8048



17.0731, 18.2009, 22.3529



4.4464, 4.8869, 5.5220



11.5164, 16.8531, 22.8897



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.3237, 17.1943, 17.7358



29.6974, 29.1015, 29.6380



18.0986, 18.7443, 17.9936



4.3278, 4.3443, 4.5307



8.8272, 4.5506, 0.4136



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9088, 19.8728, 22.6306 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 17.9088, 19.8728, 22.6306 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

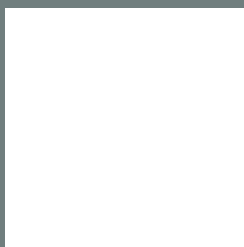
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9088, 19.8728, 22.6306

Background



This preview shows how black text looks on a background with the XYZ color 17.9088, 19.8728, 22.6306.



This preview shows how white text looks on a background with the XYZ color 17.9088, 19.8728,

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

17.9088, 19.8728, 22.6306

Protanopia

19.0551, 19.7343, 21.8736

Deuteranopia

20.1005, 19.7125, 22.8242



Tritanopia

18.6462, 19.9939, 25.7981

Trichromacy



Original Color

17.9088, 19.8728, 22.6306

Protanomaly

18.5304, 19.6397, 22.2162

Deuteranomaly

19.2477, 19.8113, 22.8882

Tritanomaly

18.3085, 19.8439, 24.6951

Monochromacy



Original Color

17.9088, 19.8728, 22.6306

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.1293, 19.4475, 21.5371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9088, 19.8728, 22.6306 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, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(112, 126, 126)  
}
```

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, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 126, 126) }
```

Border

The CSS property to change the border of an element to XYZ 17.9088, 19.8728, 22.6306 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, 126, 126) }
```


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

```
.border{ border-color:rgb(112, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(112, 126,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9088, 19.8728, 22.6306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 126, 126) }
```

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

```
.background{ background-color: rgb(112,  
126, 126) }
```

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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