

Converting Colors

XYZ(19.9682, 22.8168, 28.1626)

Have a look what the booklet for
XYZ(19.9682, 22.8168, 28.1626)
contains.

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Color

**XYZ(19.9682, 22.8168,
28.1626)**

Conversions

Conversions Part 1

Format	Color
Hex	6E888C
RGB	110, 136, 140
RGB Percent	43%, 53%, 55%
CMY	0.5686, 0.4667, 0.4510
CMYK	0.21, 0.03, 0.00, 0.45
HSL	188°, 12%, 49%
HSV	188°, 21%, 55%
XYZ	19.9682, 22.8168, 28.1626
YIQ	128.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

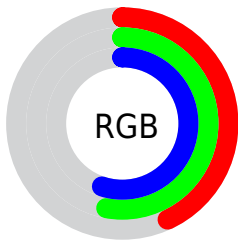
Format	Color
R_{YB}	110, 124, 140
Decimal	7243916
CIE _{Lab}	54.88, -8.29, -5.22
CIE _{LCh}	55, 9.797, 212.170
Yxy	22.8168, 0.2814, 0.3216
Android (android.graphics.Color)	4285433996 (0xFF6E888C)
YUV	128.6820, 5.5798, -16.3841
Hunter-Lab	47.7669, -8.9731, -1.5196

Details

The XYZ color **19.9682, 22.8168, 28.1626** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6472, 18.7359, 17.3331**, and the grayscale version is **20.7409, 21.8211, 23.7632**.

A 20% lighter version of the original color is **42.8355, 47.9716, 58.0407**, and **7.0977, 8.3859, 10.9174** is the 20% darker color. If you saturate the color by 10%, you get **18.1018, 21.4685, 28.0011**, and if you desaturate by 10%, it is **22.1158, 24.3180, 28.3395**.

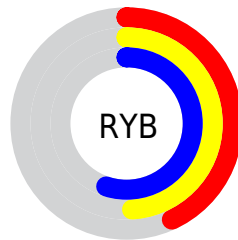
Distribution



Red (43%)

Green (53%)

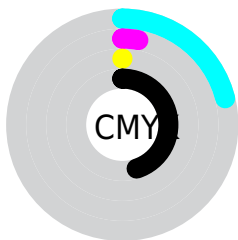
Blue (55%)



Red (43%)

Yellow (49%)

Blue (55%)

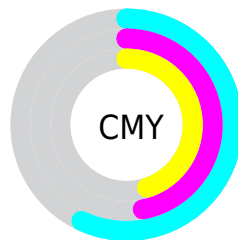


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9682, 22.8168, 28.1626 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 19.9682, 22.8168, 28.1626 by changing the saturation by 10% instead.

■ 19.9682, 22.8168,
28.1626

■ 19.9682, 22.8168,
28.1626

244.5798,
266.7826, 307.1794

■ 12.4801, 14.4583,
18.2082

■ 42.8682, 48.0923,
57.7702

■ 7.1460, 8.4401,
10.9286

■ 59.0108, 65.7782,
78.2604

■ 3.6007, 4.3778,
5.9052

■ 78.7689, 87.3419,
103.0995

■ 1.4788, 1.8871,
2.7197

■ 102.5079,
113.1679, 132.7063

■ 0.3114, 0.5406,
0.9533

130.5931,
143.6406, 167.4991

■ 0.0000, 0.0000,
0.0000

163.3899,

179.1443, 207.8965

201.2637,
220.0635, 254.3171

■ 19.9682, 22.8168,
28.1626

■ 19.9682, 22.8168,
28.1626

■ 18.1018, 21.4685,
28.0011

■ 22.1158, 24.3180,
28.3395

■ 16.5016, 20.2636,
27.8529

■ 24.5545, 25.9756,
28.5309

■ 15.1544, 19.1959,
27.7178

■ 27.2966, 27.7963,
28.7379

■ 14.0449, 18.2573,
27.5951

■ 30.3526, 29.7858,
28.9608

■ 13.1562, 17.4393,
27.4840

■ 33.7327, 31.9494,
29.2003

■ 12.4691, 16.7319,
27.3837

■ 37.4468, 34.2920,
29.4567

■ 11.9612, 16.1233,
27.2930

■ 41.5042, 36.8187,
29.7305

■ 11.6129, 15.6518,
27.2204

■ 45.9138, 39.5339,
30.0222

■ 50.6843, 42.4422,
30.3321

Harmonies

Analogous

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



19.6680, 22.8168, 25.0705



19.9682, 22.8168, 28.1626



20.7272, 22.8168, 30.5110

Triad

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



19.9682, 22.8168, 28.1626



23.5845, 22.8168, 27.7387



21.6078, 22.8168, 19.3385

Complementary

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



19.9682, 22.8168, 28.1626



19.6472, 18.7359, 17.3331

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.



22.6753, 22.8168, 19.9255



19.9682, 22.8168, 28.1626



23.8390, 22.8168, 24.6181

Square

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



19.9682, 22.8168, 28.1626



22.8166, 22.8168, 30.2522



23.5010, 22.8168, 21.7962



20.5947, 22.8168, 20.1214

Rectangle

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



19.9682, 22.8168, 28.1626



21.4037, 22.8168, 31.2454



23.5010, 22.8168, 21.7962



21.9722, 22.8168, 19.3820

Sweetspot

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



19.9689, 22.8177, 28.1631



41.2047, 44.3873, 50.1389



18.8178, 23.2751, 19.2719



9.4397, 10.1906, 11.5489



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.9689, 22.8177, 28.1631



33.4600, 38.9778, 49.5029



18.0627, 19.0055, 27.5277



5.1170, 5.5769, 6.4126



10.3286, 13.9276, 24.1896



0.0759, 0.1071, 0.1631

Inverse Universe

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



20.8356, 18.5054, 25.7674



35.3056, 29.9600, 44.3646



21.4146, 22.2708, 17.9223



5.2057, 5.1177, 6.1715



12.7002, 6.1902, 16.7236



0.0881, 0.0426, 0.1305

Previews

White Background



This preview shows how the XYZ color 19.9682, 22.8168, 28.1626 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 19.9682, 22.8168, 28.1626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

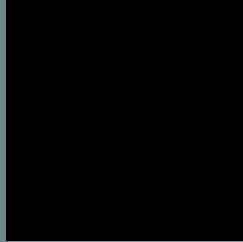
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.9682, 22.8168, 28.1626

Background



This preview shows how black text looks on a background with the XYZ color 19.9682, 22.8168, 28.1626.



This preview shows how white text looks on a background with the XYZ color 19.9682, 22.8168,

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

19.9682, 22.8168, 28.1626

Protanopia

22.0137, 22.6769, 26.8838

Deuteranopia

23.1193, 22.6207, 28.7389



Tritanopia

20.4078, 22.7828, 30.5160

Trichromacy



Original Color

19.9682, 22.8168, 28.1626

Protanomaly

21.1509, 22.6226, 27.2966

Deuteranomaly

21.6924, 22.4775, 28.3946

Tritanomaly

20.2536, 22.7211, 29.7037

Monochromacy



Original Color

19.9682, 22.8168, 28.1626

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.5109, 22.3336, 25.4201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9682, 22.8168, 28.1626 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, 136, 140)` looks like.

```
.text, #text, p{  
    color:rgb(110, 136, 140)  
}
```

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, 136, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 136, 140) }
```

Border

The CSS property to change the border of an element to XYZ 19.9682, 22.8168, 28.1626 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, 136, 140) }
```


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

```
.border{ border-color:rgb(110, 136, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 136, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 136, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 136, 140);  
box-shadow:4px 4px 4px 4px rgb(110, 136,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9682, 22.8168, 28.1626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 136, 140) }
```

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

```
.background{ background-color: rgb(110,  
136, 140) }
```

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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