

Converting Colors

XYZ(22.0551, 27.6100, 28.3151)

Have a look what the booklet for
XYZ(22.0551, 27.6100, 28.3151)
contains.

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Color

**XYZ(22.0000, 27.4796,
28.1893)**

Conversions

Conversions Part 1

Format	Color
Hex	6C988A
RGB	108, 152, 138
RGB Percent	42%, 60%, 54%
CMY	0.5765, 0.4039, 0.4588
CMYK	0.29, 0.00, 0.09, 0.40
HSL	161°, 18%, 51%
HSV	161°, 29%, 60%
XYZ	22.0000, 27.4796, 28.1893
YIQ	137.2480, -21.7300, -13.6820

Conversions

Conversions Part 2

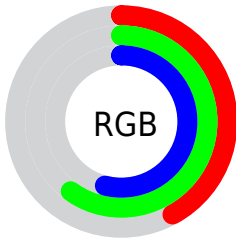
Format	Color
RYB	108, 134, 152
Decimal	7116938
CIELab	59.42, -18.07, 2.56
CIELCh	59, 18.252, 171.944
Yxy	27.4796, 0.2833, 0.3538
Android (android.graphics.Color)	4285307018 (0xFF6C988A)
YUV	137.2480, 0.3707, -25.6505
Hunter-Lab	52.4210, -16.8240, 4.8116

Details

The XYZ color **22.0000, 27.4796, 28.1893** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.8252, 18.8063, 20.8931**, and the grayscale version is **23.8768, 25.1203, 27.3560**.

A 20% lighter version of the original color is **46.1732, 55.4813, 57.5656**, and **8.2188, 10.9417, 10.9113** is the 20% darker color. If you saturate the color by 10%, you get **19.9678, 26.4723, 26.3070**, and if you desaturate by 10%, it is **24.3717, 28.6616, 30.1700**.

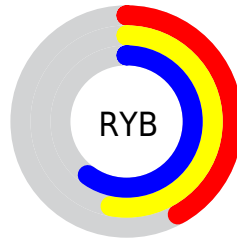
Distribution



Red (42%)

Green (60%)

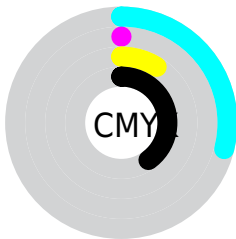
Blue (54%)



Red (42%)

Yellow (53%)

Blue (60%)

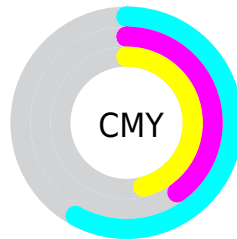


Cyan (29%)

Magenta (0%)

Yellow (9%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0000, 27.4796, 28.1893 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 22.0000, 27.4796, 28.1893 by changing the saturation by 10% instead.

■ 22.0000, 27.4796,
28.1893

■ 22.0000, 27.4796,
28.1893

255.1786,
289.9718, 307.3107

■ 13.9735, 17.9337,
18.2281

■ 46.2248, 55.6525,
57.8133

■ 8.1838, 10.9024,
10.9428

■ 63.1539, 75.0484,
78.3131

■ 4.2656, 6.0013,
5.9147

■ 83.7812, 98.4963,
103.1630

■ 1.8535, 2.8458,
2.7253

■ 108.4721,
126.3808, 132.7813

■ 0.5496, 1.0518,
0.9561

137.5919,
159.0862, 167.5867

■ 0.0000, 0.0000,
0.0000

171.5061,

196.9969, 207.9977

210.5798,
240.4973, 254.4329

■ 22.0000, 27.4796,
28.1893

■ 22.0000, 27.4796,
28.1893

■ 19.9678, 26.4723,
26.3070

■ 24.3717, 28.6616,
30.1700

■ 18.2559, 25.6275,
24.5196

■ 27.0962, 30.0230,
32.2492

■ 16.8465, 24.9370,
22.8256

■ 30.1891, 31.5724,
34.4290

■ 15.7193, 24.3902,
21.2231

■ 33.6643, 33.3169,
36.7112

■ 14.8512, 23.9753,
19.7098

■ 37.5347, 35.2634,
39.0974

■ 14.2155, 23.6785,
18.2833

■ 41.8131, 37.4183,
41.5890

■ 13.7547, 23.4702,
16.9399

■ 46.5112, 39.7876,
44.1876

■ 13.7089, 23.4495,
16.8030

■ 51.6405, 42.3773,
46.8946

■ 57.2120, 45.1929,
49.7115

Harmonies

Analogous

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



22.8051, 27.4796, 22.8061



22.0000, 27.4796, 28.1893



22.2465, 27.4796, 34.8807

Triad

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



22.0000, 27.4796, 28.1893



27.7974, 27.4796, 43.1958



28.9256, 27.4796, 21.0553

Complementary

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



22.0000, 27.4796, 28.1893



21.8252, 18.8063, 20.8931

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.



30.4157, 27.4796, 25.4546



22.0000, 27.4796, 28.1893



29.7383, 27.4796, 38.3793

Square

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



22.0000, 27.4796, 28.1893



25.5068, 27.4796, 44.2109



30.7214, 27.4796, 31.7214



26.7400, 27.4796, 19.0984

Rectangle

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



22.0000, 27.4796, 28.1893



22.9808, 27.4796, 39.1576



30.7214, 27.4796, 31.7214



29.5296, 27.4796, 22.2640

Sweetspot

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



22.0008, 27.4807, 28.1899



47.7091, 52.9329, 56.8352



22.0566, 27.7268, 18.3770



10.6875, 11.9529, 12.8027



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.0008, 27.4807, 28.1899



36.3521, 47.2731, 47.4996



21.9272, 25.6053, 33.4937



6.3009, 6.9931, 7.5079



11.5085, 19.6669, 14.1644



0.1884, 0.3005, 0.2977

Inverse Universe

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



21.8252, 18.8063, 20.8931



35.9913, 29.3099, 32.4023



21.8253, 20.0964, 16.9164



6.2858, 6.2535, 6.8849



11.3239, 5.7838, 2.9649



0.1845, 0.0926, 0.1246

Previews

White Background



This preview shows how the XYZ color 22.0000, 27.4796, 28.1893 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 22.0000, 27.4796, 28.1893 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 22.0000, 27.4796, 28.1893

Background



This preview shows how black text looks on a background with the XYZ color 22.0000, 27.4796, 28.1893.

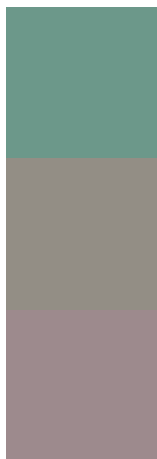


This preview shows how white text looks on a background with the XYZ color 22.0000, 27.4796,

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

22.0000, 27.4796, 28.1893

Protanopia

25.9393, 27.2425, 26.0815

Deuteranopia

27.8008, 27.2681, 28.9973



Tritanopia

23.9905, 27.5788, 37.7770

Trichromacy



Original Color

22.0000, 27.4796, 28.1893

Protanomaly

24.3249, 27.2936, 26.9078

Deuteranomaly

25.2035, 27.0273, 28.6994

Tritanomaly

23.2117, 27.4921, 34.2201

Monochromacy



Original Color

22.0000, 27.4796, 28.1893

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.7925, 25.5878, 27.4045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0000, 27.4796, 28.1893 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(108, 152, 138)` looks like.

```
.text, #text, p{  
    color:rgb(108, 152, 138)  
}
```

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(108, 152, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 152, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.0000, 27.4796, 28.1893 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(108, 152, 138) }
```


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

```
.border{ border-color:rgb(108, 152, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 152, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 152, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 152, 138);  
box-shadow:4px 4px 4px 4px rgb(108, 152,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0000, 27.4796, 28.1893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 152, 138) }
```

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

```
.background{ background-color: rgb(108,  
152, 138) }
```

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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