

Converting Colors

XYZ(17.7072, 22.1191, 23.2230)

Have a look what the booklet for
XYZ(17.7072, 22.1191, 23.2230)
contains.

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Color

**XYZ(17.6782, 22.1701,
23.0862)**

Conversions

Conversions Part 1

Format	Color
Hex	608A7E
RGB	96, 138, 126
RGB Percent	38%, 54%, 49%
CMY	0.6235, 0.4588, 0.5059
CMYK	0.30, 0.00, 0.09, 0.46
HSL	163°, 18%, 46%
HSV	163°, 30%, 54%
XYZ	17.6782, 22.1701, 23.0862
YIQ	124.0740, -21.1800, -12.6360

Conversions

Conversions Part 2

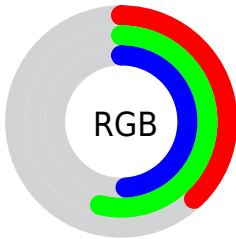
Format	Color
R_{YB}	96, 121, 138
Decimal	6326910
CIE _{Lab}	54.21, -17.21, 1.79
CIE _{LCh}	54, 17.299, 174.071
Yxy	22.1701, 0.2809, 0.3523
Android (android.graphics.Color)	4284516990 (0xFF608A7E)
YUV	124.0740, 0.9495, -24.6209
Hunter-Lab	47.0851, -15.3808, 3.8893

Details

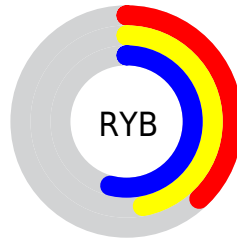
The XYZ color **17.6782, 22.1701, 23.0862** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.3716, 14.8522, 16.1393**, and the grayscale version is **19.1853, 20.1844, 21.9808**.

A 20% lighter version of the original color is **39.1991, 47.2498, 49.7019**, and **6.0016, 8.1196, 8.2721** is the 20% darker color. If you saturate the color by 10%, you get **16.1025, 21.3872, 21.7106**, and if you desaturate by 10%, it is **19.5201, 23.0902, 24.5276**.

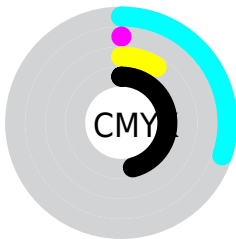
Distribution



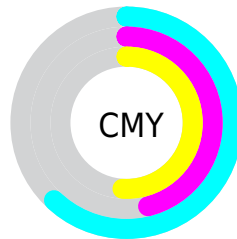
- Red (38%)
- Green (54%)
- Blue (49%)



- Red (38%)
- Yellow (47%)
- Blue (54%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6782, 22.1701, 23.0862 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 17.6782, 22.1701, 23.0862 by changing the saturation by 10% instead.

■ 17.6782, 22.1701,
23.0862

■ 17.6782, 22.1701,
23.0862

232.1317,
263.4333, 281.3037

■ 10.8175, 13.9819,
14.4513

■ 39.0226, 47.0270,
49.4598

■ 6.0106, 8.1081,
8.2929

■ 54.2370, 64.4645,
68.0356

■ 2.8923, 4.1642,
4.1925

■ 72.9667, 85.7539,
90.7620

■ 1.0970, 1.7658,
1.7315

■ 95.5770, 111.2796,
118.0577

■ 0.0226, 0.4657,
0.3822

122.4333,
141.4260, 150.3412

■ 0.0000, 0.0000,
0.0000

153.9010,

176.5775, 188.0310

190.3453,
217.1184, 231.5456

■ 17.6782, 22.1701,
23.0862

■ 17.6782, 22.1701,
23.0862

■ 16.1025, 21.3872,
21.7106

■ 19.5201, 23.0902,
24.5276

■ 14.7776, 20.7319,
20.3980

■ 21.6388, 24.1513,
26.0344

■ 13.6896, 20.1976,
19.1477

■ 24.0466, 25.3602,
27.6083

■ 12.8223, 19.7758,
17.9583

■ 26.7545, 26.7227,
29.2504

■ 12.1572, 19.4573,
16.8283

■ 29.7728, 28.2439,
30.9616

■ 11.6730, 19.2309,
15.7560

■ 33.1115, 29.9291,
32.7430

■ 11.3205, 19.0704,
14.7811

■ 36.7799, 31.7830,
34.5956

■ 40.7873, 33.8104,
36.5204

■ 45.1421, 36.0158,
38.5182

Harmonies

Analogous

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



18.2792, 22.1701, 18.5618



17.6782, 22.1701, 23.0862



17.9418, 22.1701, 28.6114

Triad

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



17.6782, 22.1701, 23.0862



22.5806, 22.1701, 34.8752



23.2643, 22.1701, 16.6916

Complementary

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



17.6782, 22.1701, 23.0862



17.3716, 14.8522, 16.1393

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.



24.5466, 22.1701, 20.1596



17.6782, 22.1701, 23.0862



24.1357, 22.1701, 30.7356

Square

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



17.6782, 22.1701, 23.0862



20.7010, 22.1701, 35.9658



24.8746, 22.1701, 25.2243



21.4475, 22.1701, 15.2395

Rectangle

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



17.6782, 22.1701, 23.0862



18.5809, 22.1701, 32.0771



24.8746, 22.1701, 25.2243



23.7764, 22.1701, 17.6329

Sweetspot

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



17.6788, 22.1710, 23.0867



38.6400, 42.8196, 46.2266



17.4580, 22.2483, 14.4408



8.5515, 9.5464, 10.2903



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.6788, 22.1710, 23.0867



29.0729, 38.0399, 38.8975



17.3415, 20.1816, 27.0273



5.1129, 5.6647, 6.1157



10.3853, 17.4867, 13.5855



0.0753, 0.1187, 0.1235

Inverse Universe

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



17.3716, 14.8522, 16.1393



28.4385, 22.8608, 24.5028



17.5839, 16.2297, 13.2724



5.0878, 5.0706, 5.5510



9.9579, 5.0933, 2.2826



0.0718, 0.0361, 0.0450

Previews

White Background



This preview shows how the XYZ color 17.6782, 22.1701, 23.0862 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 17.6782, 22.1701, 23.0862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

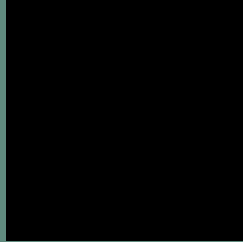
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6782, 22.1701, 23.0862

Background



This preview shows how black text looks on a background with the XYZ color 17.6782, 22.1701, 23.0862.



This preview shows how white text looks on a background with the XYZ color 17.6782, 22.1701,

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

17.6782, 22.1701, 23.0862

Protanopia

20.9743, 22.0675, 21.2432

Deuteranopia

22.4514, 22.0030, 23.8326



Tritanopia

19.1078, 22.1126, 30.4552

Trichromacy



Original Color

17.6782, 22.1701, 23.0862

Protanomaly

19.5721, 21.9257, 21.9394

Deuteranomaly

20.3364, 21.8838, 23.5742

Tritanomaly

18.6099, 22.1250, 27.7158

Monochromacy



Original Color

17.6782, 22.1701, 23.0862

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.4914, 20.7586, 22.4342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6782, 22.1701, 23.0862 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(96, 138, 126) looks like.

```
.text, #text, p{  
    color:rgb(96, 138, 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(96, 138, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 138, 126) }
```

Border

The CSS property to change the border of an element to XYZ 17.6782, 22.1701, 23.0862 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(96, 138, 126) }
```


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

```
.border{ border-color:rgb(96, 138, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 138, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 138, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 138, 126);  
box-shadow:4px 4px 4px 4px rgb(96, 138,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6782, 22.1701, 23.0862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 138, 126) }
```

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

```
.background{ background-color: rgb(96, 138,  
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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