

Converting Colors

XYZ(17.0870, 22.1765, 18.7091)

Have a look what the booklet for
XYZ(17.0870, 22.1765, 18.7091)
contains.

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Color

**XYZ(17.0870, 22.1765,
18.7091)**

Conversions

Conversions Part 1

Format	Color
Hex	618B70
RGB	97, 139, 112
RGB Percent	38%, 55%, 44%
CMY	0.6196, 0.4549, 0.5608
CMYK	0.30, 0.00, 0.19, 0.45
HSL	141°, 18%, 46%
HSV	141°, 30%, 55%
XYZ	17.0870, 22.1765, 18.7091
YIQ	123.3640, -16.3650, -17.3010

Conversions

Conversions Part 2

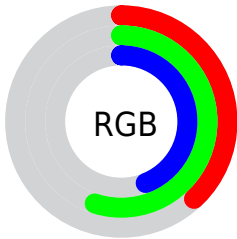
Format	Color
R_{YB}	97, 128, 139
Decimal	6392688
CIE _{Lab}	54.21, -20.45, 9.87
CIE _{LCh}	54, 22.710, 154.241
Yxy	22.1765, 0.2947, 0.3825
Android (android.graphics.Color)	4284582768 (0xFF618B70)
YUV	123.3640, -5.6025, -23.1212
Hunter-Lab	47.0919, -17.6433, 9.4091

Details

The XYZ color **17.0870, 22.1765, 18.7091** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.5610, 15.4941, 21.0821**, and the grayscale version is **18.9693, 19.9572, 21.7334**.

A 20% lighter version of the original color is **38.1652, 47.2098, 42.2228**, and **5.7644, 8.1679, 6.1232** is the 20% darker color. If you saturate the color by 10%, you get **15.2607, 21.2903, 16.1542**, and if you desaturate by 10%, it is **19.2235, 23.2181, 21.5373**.

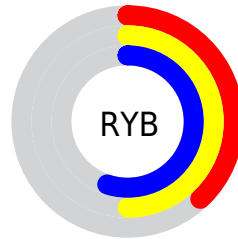
Distribution



Red (38%)

Green (55%)

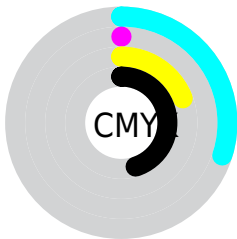
Blue (44%)



Red (38%)

Yellow (50%)

Blue (55%)

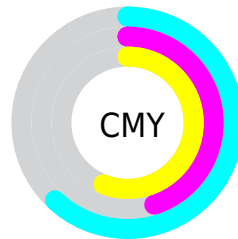


Cyan (30%)

Magenta (0%)

Yellow (19%)

Black (45%)



Cyan (62%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0870, 22.1765, 18.7091 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 17.0870, 22.1765, 18.7091 by changing the saturation by 10% instead.

■ 17.0870, 22.1765,
18.7091

■ 17.0870, 22.1765,
18.7091

228.8197,
263.4666, 257.2071

■ 10.3922, 13.9866,
11.2856

■ 38.0177, 47.0375,
42.0721

■ 5.7240, 8.1114,
6.1427

■ 52.9844, 64.4775,
58.8487

■ 2.7171, 4.1663,
2.8618

■ 71.4390, 85.7697,
79.5800

■ 1.0060, 1.7670,
1.0245

■ 93.7470, 111.2984,
104.6846

■ 0.0000, 0.4665,
0.0000

120.2737,
141.4480, 134.5811

■ 0.0000, 0.0000,
0.0000

151.3845,

176.6030, 169.6880

187.4447,
217.1477, 210.4238

■ 17.0870, 22.1765,
18.7091

■ 17.0870, 22.1765,
18.7091

■ 15.2607, 21.2903,
16.1542

■ 19.2235, 23.2181,
21.5373

■ 13.7277, 20.5491,
13.8629

■ 21.6823, 24.4195,
24.6452

■ 12.4724, 19.9458,
11.8271


■ 24.4771, 25.7880,
28.0406


■ 11.4770, 19.4712,
10.0378


■ 27.6201, 27.3298,
31.7309


■ 10.7211, 19.1151,
8.4853


■ 31.1231, 29.0510,
35.7230


 10.1815, 18.8657,
7.1593

 34.9972, 30.9570,
40.0235

 9.8011, 18.6933,
6.0689

 39.2531, 33.0532,
44.6391

 43.9010, 35.3448,
49.5759

 48.9507, 37.8368,
54.8402

Harmonies

Analogous

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



18.5194, 22.1765, 14.5647



17.0870, 22.1765, 18.7091



16.6914, 22.1765, 25.1653

Triad

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



17.0870, 22.1765, 18.7091



21.4309, 22.1765, 40.3917



25.2490, 22.1765, 17.2790

Complementary

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



17.0870, 22.1765, 18.7091



18.5610, 15.4941, 21.0821

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.



26.1729, 22.1765, 23.1555



17.0870, 22.1765, 18.7091



23.8622, 22.1765, 37.2125

Square

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



17.0870, 22.1765, 18.7091



19.0825, 22.1765, 38.5693



25.6468, 22.1765, 30.5467



23.2082, 22.1765, 13.8591

Rectangle

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



17.0870, 22.1765, 18.7091



17.0408, 22.1765, 30.1664



25.6468, 22.1765, 30.5467



25.7074, 22.1765, 18.9859

Sweetspot

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



17.0876, 22.1774, 18.7096



39.3105, 43.9653, 44.7302



19.7467, 23.6368, 14.8311



8.9156, 10.0610, 10.1307



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.



17.0876, 22.1774, 18.7096



28.3906, 38.6408, 30.4453



18.3760, 22.6928, 25.4944



5.0408, 5.6358, 5.7361



8.8532, 16.8738, 5.5174



0.0653, 0.1147, 0.0710

Inverse Universe

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



18.5610, 15.4941, 21.0821



31.4505, 24.7519, 35.3654



17.3861, 15.0241, 14.8950



5.1593, 5.0992, 5.9272



11.2593, 5.6138, 9.1355



0.0818, 0.0401, 0.0976

Previews

White Background



This preview shows how the XYZ color 17.0870, 22.1765, 18.7091 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 17.0870, 22.1765, 18.7091 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 17.0870, 22.1765, 18.7091

Background



This preview shows how black text looks on a background with the XYZ color 17.0870, 22.1765, 18.7091.



This preview shows how white text looks on a background with the XYZ color 17.0870, 22.1765,

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

17.0870, 22.1765, 18.7091

Protanopia

20.6574, 21.9963, 17.0669

Deuteranopia

22.3348, 21.8562, 19.2611



Tritanopia

19.3449, 22.0376, 30.0222

Trichromacy



Original Color

17.0870, 22.1765, 18.7091

Protanomaly

19.1739, 22.0168, 17.7071

Deuteranomaly

19.9408, 21.5825, 19.0344

Tritanomaly

18.4046, 22.0685, 25.4799

Monochromacy



Original Color

17.0870, 22.1765, 18.7091

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.1195, 20.6098, 20.4759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0870, 22.1765, 18.7091 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(97, 139, 112)` looks like.

```
.text, #text, p{  
    color:rgb(97, 139, 112)  
}
```

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(97, 139, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 139, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.0870, 22.1765, 18.7091 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(97, 139, 112) }
```


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

```
.border{ border-color:rgb(97, 139, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 139, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 139, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 139, 112);  
box-shadow:4px 4px 4px 4px rgb(97, 139,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0870, 22.1765, 18.7091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 139, 112) }
```

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

```
.background{ background-color: rgb(97, 139,  
112) }
```

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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