

Converting Colors

XYZ(17.7753, 22.6104, 18.1764)

Have a look what the booklet for
XYZ(17.7753, 22.6104, 18.1764)
contains.

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Color

**XYZ(17.7560, 22.5341,
18.1655)**

Conversions

Conversions Part 1

Format	Color
Hex	688B6E
RGB	104, 139, 110
RGB Percent	41%, 55%, 43%
CMY	0.5922, 0.4549, 0.5686
CMYK	0.25, 0.00, 0.21, 0.45
HSL	130°, 14%, 48%
HSV	130°, 25%, 55%
XYZ	17.7560, 22.5341, 18.1655
YIQ	125.2290, -11.5510, -16.4390

Conversions

Conversions Part 2

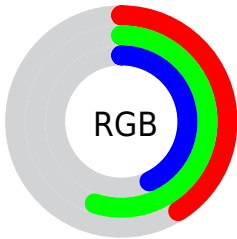
Format	Color
RYB	104, 134, 139
Decimal	6851438
CIELab	54.59, -18.44, 11.60
CIELCh	55, 21.783, 147.811
Yxy	22.5341, 0.3038, 0.3855
Android (android.graphics.Color)	4285041518 (0xFF688B6E)
YUV	125.2290, -7.5079, -18.6178
Hunter-Lab	47.4701, -16.3055, 10.5404

Details

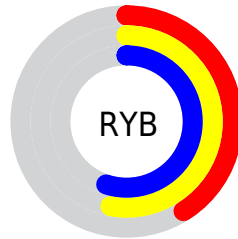
The XYZ color **17.7560, 22.5341, 18.1655** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.8322, 17.0835, 24.4435**, and the grayscale version is **19.5979, 20.6186, 22.4536**.

A 20% lighter version of the original color is **39.3019, 47.8165, 41.3405**, and **6.0728, 8.3333, 5.8458** is the 20% darker color. If you saturate the color by 10%, you get **15.6868, 21.5358, 15.0054**, and if you desaturate by 10%, it is **20.1739, 23.7040, 21.7684**.

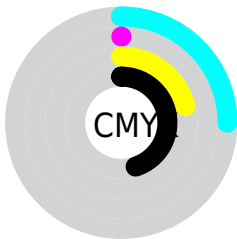
Distribution



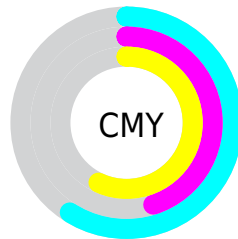
- Red (41%)
- Green (55%)
- Blue (43%)



- Red (41%)
- Yellow (53%)
- Blue (55%)



- Cyan (25%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (59%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7560, 22.5341, 18.1655 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 17.7560, 22.5341, 18.1655 by changing the saturation by 10% instead.

■ 17.7560, 22.5341,
18.1655

■ 17.7560, 22.5341,
18.1655

232.5644,
265.3229, 254.0696

■ 10.8736, 14.2499,
10.8982

■ 39.1545, 47.6272,
41.1369

■ 6.0485, 8.2947,
5.8851

■ 54.4012, 65.2048,
57.6780

■ 2.9156, 4.2841,
2.7077

■ 73.1668, 86.6490,
78.1476

■ 1.1093, 1.8337,
0.9473

■ 95.8165, 112.3443,
102.9640

■ 0.0329, 0.5080,
0.0000

122.7158,
142.6749, 132.5459

■ 0.0000, 0.0000,
0.0000

154.2300,

178.0253, 167.3117

190.7244,
218.7798, 207.6801

■ 17.7560, 22.5341,
18.1655

■ 17.7560, 22.5341,
18.1655

■ 15.6868, 21.5358,
15.0054

■ 20.1739, 23.7040,
21.7684

■ 13.9484, 20.6984,
12.2697

■ 22.9539, 25.0501,
25.8287

■ 12.5240, 20.0142,
9.9405

■ 26.1106, 26.5804,
30.3622

■ 11.3944, 19.4737,
7.9985

■ 29.6576, 28.3015,
35.3835

■ 10.5385, 19.0664,
6.4227

■ 33.6075, 30.2196,
40.9066

■ 9.9323, 18.7806,
5.1899

■ 37.9726, 32.3407,
46.9448

■ 9.5434, 18.6000,
4.2743

■ 42.7645, 34.6707,
53.5111

■ 9.3962, 18.5314,
3.9366

■ 47.9944, 37.2149,
60.6178

■ 53.6731, 39.9787,
68.2771

Harmonies

Analogous

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



19.3426, 22.5341, 14.6305



17.7560, 22.5341, 18.1655



17.1422, 22.5341, 24.0361

Triad

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



17.7560, 22.5341, 18.1655



21.2428, 22.5341, 40.1957



25.7499, 22.5341, 18.8881

Complementary

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



17.7560, 22.5341, 18.1655



19.8322, 17.0835, 24.4435

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.



26.3515, 22.5341, 25.0424



17.7560, 22.5341, 18.1655



23.6367, 22.5341, 38.1306

Square

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



17.7560, 22.5341, 18.1655



19.0597, 22.5341, 37.4595



25.5517, 22.5341, 32.2444



23.9632, 22.5341, 14.9898

Rectangle

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



17.7560, 22.5341, 18.1655



17.3301, 22.5341, 28.7903



25.5517, 22.5341, 32.2444



26.1030, 22.5341, 20.7226

Sweetspot

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



17.7566, 22.5350, 18.1660



39.5449, 44.1028, 43.9887



21.4314, 24.4660, 16.6897



8.9515, 10.0846, 9.9021



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.



17.7566, 22.5350, 18.1660



29.6942, 39.3387, 29.3378



18.7948, 22.9503, 23.6328



5.0046, 5.6213, 5.5452



8.4848, 16.7265, 3.5779



0.0601, 0.1126, 0.0437

Inverse Universe

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



19.8322, 17.0835, 24.4435



34.0443, 27.9087, 42.4909



18.7315, 16.6432, 18.6472



5.1977, 5.1145, 6.1294



12.4171, 6.0770, 15.2329



0.0870, 0.0422, 0.1249

Previews

White Background



This preview shows how the XYZ color 17.7560, 22.5341, 18.1655 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 17.7560, 22.5341, 18.1655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

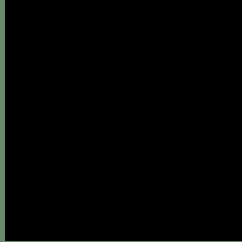
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7560, 22.5341, 18.1655

Background



This preview shows how black text looks on a background with the XYZ color 17.7560, 22.5341, 18.1655.



This preview shows how white text looks on a background with the XYZ color 17.7560, 22.5341,

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

17.7560, 22.5341, 18.1655

Protanopia

21.0654, 22.4091, 16.8508

Deuteranopia

22.7087, 22.2490, 18.7204



Tritanopia

20.0663, 22.4095, 30.0559

Trichromacy



Original Color

17.7560, 22.5341, 18.1655

Protanomaly

19.6456, 22.2722, 17.1735

Deuteranomaly

20.5801, 22.1217, 18.5145

Tritanomaly

19.1534, 22.4624, 25.1560

Monochromacy



Original Color

17.7560, 22.5341, 18.1655

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.7089, 21.1032, 20.8566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7560, 22.5341, 18.1655 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(104, 139, 110)` looks like.

```
.text, #text, p{  
    color:rgb(104, 139, 110)  
}
```

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(104, 139, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 139, 110) }
```

Border

The CSS property to change the border of an element to XYZ 17.7560, 22.5341, 18.1655 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(104, 139, 110) }
```


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

```
.border{ border-color:rgb(104, 139, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 139, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 139, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 139, 110);  
box-shadow:4px 4px 4px 4px rgb(104, 139,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7560, 22.5341, 18.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 139, 110) }
```

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

```
.background{ background-color: rgb(104,  
139, 110) }
```

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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