

Converting Colors

XYZ(17.5104, 22.6856, 11.7966)

Have a look what the booklet for
XYZ(17.5104, 22.6856, 11.7966)
contains.

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Color

**XYZ(17.5339, 22.7758,
11.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8C54
RGB	111, 140, 84
RGB Percent	44%, 55%, 33%
CMY	0.5647, 0.4510, 0.6706
CMYK	0.21, 0.00, 0.40, 0.45
HSL	91°, 25%, 44%
HSV	91°, 40%, 55%
XYZ	17.5339, 22.7758, 11.8595
YIQ	124.9450, 0.6920, -23.5640

Conversions

Conversions Part 2

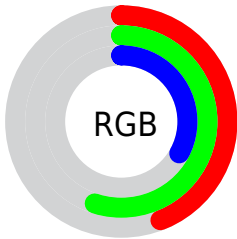
Format	Color
RYB	84, 140, 113
Decimal	7310420
CIELab	54.84, -20.72, 26.63
CIELCh	55, 33.735, 127.885
Yxy	22.7758, 0.3361, 0.4366
Android (android.graphics.Color)	4285500500 (0xFF6F8C54)
YUV	124.9450, -20.1859, -12.2298
Hunter-Lab	47.7240, -17.9357, 18.6731

Details

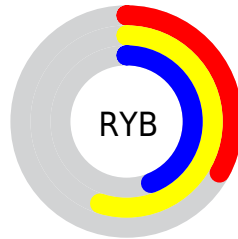
The XYZ color **17.5339, 22.7758, 11.8595** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.7149, 11.7454, 26.3038**, and the grayscale version is **19.5406, 20.5583, 22.3880**.

A 20% lighter version of the original color is **38.9047, 48.1973, 29.8068**, and **5.9767, 8.4700, 3.0701** is the 20% darker color. If you saturate the color by 10%, you get **16.1640, 22.1275, 9.2136**, and if you desaturate by 10%, it is **19.0886, 23.5082, 15.0872**.

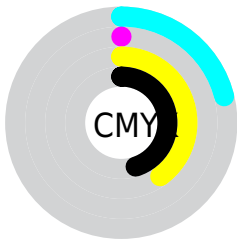
Distribution



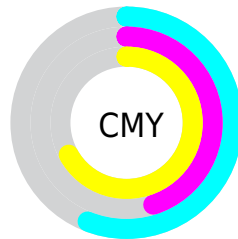
- Red (44%)
- Green (55%)
- Blue (33%)



- Red (33%)
- Yellow (55%)
- Blue (44%)



- Cyan (21%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)



- Cyan (56%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5339, 22.7758, 11.8595 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 17.5339, 22.7758, 11.8595 by changing the saturation by 10% instead.

■ 17.5339, 22.7758,
11.8595

■ 17.5339, 22.7758,
11.8595

231.3273,
266.5714, 214.4177

■ 10.7135, 14.4280,
6.5267

■ 38.7778, 48.0249,
29.8995

■ 5.9404, 8.4190,
3.0940

■ 53.9321, 65.6951,
43.4438

■ 2.8492, 4.3642,
1.1428

■ 72.5950, 87.2415,
60.5624

■ 1.0745, 1.8793,
0.0000

■ 95.1320, 113.0486,
81.6737

■ 0.0036, 0.5359,
0.0000

■ 121.9084,
143.5007, 107.1964

■ 0.0000, 0.0000,
0.0000

153.2895,

178.9823, 137.5489

189.6407,
219.8777, 173.1498

■ 17.5339, 22.7758,
11.8595

■ 17.5339, 22.7758,
11.8595

■ 16.1640, 22.1275,
9.2136

■ 19.0886, 23.5082,
15.0872

■ 14.9690, 21.5566,
7.1134

■ 20.8342, 24.3249,
18.9269

■ 13.9402, 21.0605,
5.5209

■ 22.7784, 25.2300,
23.4088

■ 13.0677, 20.6347,
4.3928

■ 24.9281, 26.2264,
28.5603

■ 12.3398, 20.2745,
3.6785

■ 27.2897, 27.3169,
34.4075

■ 11.7275, 19.9681,
3.2361

■ 29.8694, 28.5040,
40.9750

■ 32.6730, 29.7904,
48.2861

■ 35.7062, 31.1785,
56.3631

■ 38.9744, 32.6705,
65.2275

Harmonies

Analogous

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



20.6783, 22.7758, 9.5055



17.5339, 22.7758, 11.8595



15.6577, 22.7758, 17.8395

Triad

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



17.5339, 22.7758, 11.8595



19.0573, 22.7758, 49.1225



29.5610, 22.7758, 22.0856

Complementary

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



17.5339, 22.7758, 11.8595



14.7149, 11.7454, 26.3038

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.



28.9984, 22.7758, 33.3673



17.5339, 22.7758, 11.8595



22.6470, 22.7758, 51.2300

Square

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



17.5339, 22.7758, 11.8595



16.4643, 22.7758, 39.6785



26.3594, 22.7758, 44.8092



27.8187, 22.7758, 14.1998

Rectangle

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



17.5339, 22.7758, 11.8595



15.2401, 22.7758, 24.0482



26.3594, 22.7758, 44.8092



29.6386, 22.7758, 25.5652

Sweetspot

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



17.5345, 22.7768, 11.8600



39.3542, 44.1061, 39.3876



18.3140, 18.0118, 10.8992



8.9786, 10.1215, 8.8676



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.



17.5345, 22.7768, 11.8600



28.7214, 39.1167, 16.6606



14.6720, 21.2969, 11.9182



5.1863, 5.7188, 5.3829



10.4425, 17.7533, 2.8764



0.0861, 0.1266, 0.0199

Inverse Universe

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



14.7149, 11.7454, 26.3038



23.0343, 16.8718, 45.7855



18.6515, 13.7827, 26.1302



5.0055, 5.0113, 6.3093



6.6371, 2.9357, 22.2625



0.0610, 0.0282, 0.1487

Previews

White Background



This preview shows how the XYZ color 17.5339, 22.7758, 11.8595 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 17.5339, 22.7758, 11.8595 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 17.5339, 22.7758, 11.8595

Background



This preview shows how black text looks on a background with the XYZ color 17.5339, 22.7758, 11.8595.



This preview shows how white text looks on a background with the XYZ color 17.5339, 22.7758,

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

17.5339, 22.7758, 11.8595

Protanopia

20.9292, 22.6663, 11.0565

Deuteranopia

22.9585, 22.5234, 12.1542



Tritanopia

21.0912, 22.7513, 29.2664

Trichromacy



Original Color

17.5339, 22.7758, 11.8595

Protanomaly

19.4082, 22.4847, 11.2997

Deuteranomaly

20.4776, 22.2126, 12.0123

Tritanomaly

19.6531, 22.7954, 21.7765

Monochromacy



Original Color

17.5339, 22.7758, 11.8595

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.5428, 21.0841, 17.8442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5339, 22.7758, 11.8595 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(111, 140, 84)` looks like.

```
.text, #text, p{  
    color:rgb(111, 140, 84)  
}
```

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(111, 140, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 140, 84) }
```

Border

The CSS property to change the border of an element to XYZ 17.5339, 22.7758, 11.8595 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(111, 140, 84) }
```


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

```
.border{ border-color:rgb(111, 140, 84) }
```

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

Here you see how a box with a 4 pixel rgb(111, 140, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 140, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 140, 84);  
box-shadow:4px 4px 4px 4px rgb(111, 140,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5339, 22.7758, 11.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 140, 84) }
```

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

```
.background{ background-color: rgb(111,  
140, 84) }
```

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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