

Converting Colors

XYZ(17.2785, 22.0313, 17.1614)

Have a look what the booklet for
XYZ(17.2785, 22.0313, 17.1614)
contains.

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Color

**XYZ(17.3358, 22.1221,
17.2662)**

Conversions

Conversions Part 1

Format	Color
Hex	678A6B
RGB	103, 138, 107
RGB Percent	40%, 54%, 42%
CMY	0.5961, 0.4588, 0.5804
CMYK	0.25, 0.00, 0.22, 0.46
HSL	127°, 15%, 47%
HSV	127°, 25%, 54%
XYZ	17.3358, 22.1221, 17.2662
YIQ	124.0010, -10.9090, -17.0610

Conversions

Conversions Part 2

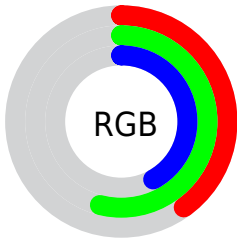
Format	Color
R_{YB}	103, 134, 138
Decimal	6785643
CIE _{Lab}	54.16, -18.84, 12.71
CIE _{LCh}	54, 22.726, 146.007
Yxy	22.1221, 0.3056, 0.3900
Android (android.graphics.Color)	4284975723 (0xFF678A6B)
YUV	124.0010, -8.3815, -18.4179
Hunter-Lab	47.0341, -16.5184, 11.1586

Details

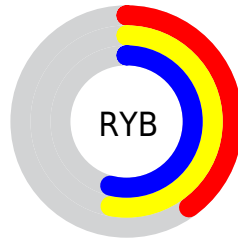
The XYZ color **17.3358, 22.1221, 17.2662** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.6353, 16.8254, 24.7678**, and the grayscale version is **19.1886, 20.1879, 21.9846**.

A 20% lighter version of the original color is **38.5388, 47.1365, 39.4148**, and **5.8809, 8.1179, 5.5319** is the 20% darker color. If you saturate the color by 10%, you get **15.2835, 21.1338, 14.0474**, and if you desaturate by 10%, it is **19.7415, 23.2833, 20.9770**.

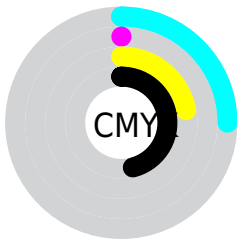
Distribution



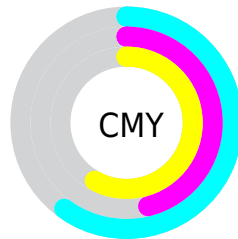
- Red (40%)
- Green (54%)
- Blue (42%)



- Red (40%)
- Yellow (53%)
- Blue (54%)



- Cyan (25%)
- Magenta (0%)
- Yellow (22%)
- Black (46%)



- Cyan (60%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3358, 22.1221, 17.2662 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 17.3358, 22.1221, 17.2662 by changing the saturation by 10% instead.

■ 17.3358, 22.1221,
17.2662

■ 17.3358, 22.1221,
17.2662

230.2188,
263.1832, 248.7974

■ 10.5710, 13.9466,
10.2605

■ 38.4413, 46.9477,
39.5798

■ 5.8443, 8.0836,
5.4642

■ 53.5126, 64.3667,
55.7248

■ 2.7904, 4.1485,
2.4586

■ 72.0835, 85.6356,
75.7533

■ 1.0439, 1.7570,
0.8181

■ 94.5193, 111.1388,
100.0839

■ 0.0000, 0.4601,
0.0000

121.1854,
141.2608, 129.1350

■ 0.0000, 0.0000,
0.0000

152.4471,

176.3860, 163.3253

188.6698,
216.8986, 203.0733

■ 17.3358, 22.1221,
17.2662

■ 17.3358, 22.1221,
17.2662

■ 15.2835, 21.1338,
14.0474

■ 19.7415, 23.2833,
20.9770

■ 13.5662, 20.3076,
11.2987

■ 22.5144, 24.6222,
25.1978

■ 12.1665, 19.6355,
8.9983

■ 25.6696, 26.1469,
29.9474

■ 11.0649, 19.1080,
7.1227

■ 29.2208, 27.8641,
35.2431

■ 10.2395, 18.7143,
5.6456

■ 33.1813, 29.7802,
41.1016

■ 9.6654, 18.4423,
4.5384

■ 37.5634, 31.9013,
47.5388

■ 9.3085, 18.2750,
3.7679

■ 42.3791, 34.2333,
54.5700

■ 9.1808, 18.2146,
3.5133

■ 47.6399, 36.7817,
62.2098

■ 53.3569, 39.5520,
70.4726

Harmonies

Analogous

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



19.0155, 22.1221, 13.8299



17.3358, 22.1221, 17.2662



16.6431, 22.1221, 23.1542

Triad

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



17.3358, 22.1221, 17.2662



20.6981, 22.1221, 40.3277



25.5811, 22.1221, 18.6110

Complementary

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



17.3358, 22.1221, 17.2662



19.6353, 16.8254, 24.7678

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.



26.1188, 22.1221, 25.0449



17.3358, 22.1221, 17.2662



23.1743, 22.1221, 38.4651

Square

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



17.3358, 22.1221, 17.2662



18.4858, 22.1221, 37.1881



25.2068, 22.1221, 32.5028



23.7897, 22.1221, 14.4932

Rectangle

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



17.3358, 22.1221, 17.2662



16.7909, 22.1221, 28.0284



25.2068, 22.1221, 32.5028



25.9202, 22.1221, 20.5339

Sweetspot

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



17.3364, 22.1230, 17.2667



38.2447, 42.7038, 42.2323



21.4490, 24.2669, 16.3855



8.4272, 9.5054, 9.2432



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.



17.3364, 22.1230, 17.2667



28.5718, 38.0370, 27.3340



18.3207, 22.5168, 22.4500



4.9936, 5.6169, 5.4874



8.4202, 16.7007, 3.2376



0.0585, 0.1120, 0.0353

Inverse Universe

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



19.6353, 16.8254, 24.7678



33.2852, 27.1719, 42.7112



18.5430, 16.3885, 19.0160



5.2096, 5.1193, 6.1925



12.8468, 6.2489, 17.4956



0.0886, 0.0428, 0.1333

Previews

White Background



This preview shows how the XYZ color 17.3358, 22.1221, 17.2662 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 17.3358, 22.1221, 17.2662 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 17.3358, 22.1221, 17.2662

Background



This preview shows how black text looks on a background with the XYZ color 17.3358, 22.1221, 17.2662.



This preview shows how white text looks on a background with the XYZ color 17.3358, 22.1221,

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

17.3358, 22.1221, 17.2662

Protanopia

20.6150, 21.9982, 15.9915

Deuteranopia

22.2349, 21.8370, 17.7949



Tritanopia

19.8520, 22.1037, 29.6057

Trichromacy



Original Color

17.3358, 22.1221, 17.2662

Protanomaly

19.2074, 21.8620, 16.3041

Deuteranomaly

20.1263, 21.7102, 17.5977

Tritanomaly

18.8241, 22.0924, 24.7449

Monochromacy



Original Color

17.3358, 22.1221, 17.2662

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3227, 20.7215, 20.1735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3358, 22.1221, 17.2662 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(103, 138, 107)` looks like.

```
.text, #text, p{  
    color:rgb(103, 138, 107)  
}
```

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(103, 138, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 138, 107) }
```

Border

The CSS property to change the border of an element to XYZ 17.3358, 22.1221, 17.2662 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(103, 138, 107) }
```


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

```
.border{ border-color:rgb(103, 138, 107) }
```

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

Here you see how a box with a 4 pixel rgb(103, 138, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 138, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 138, 107);  
box-shadow:4px 4px 4px 4px rgb(103, 138,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3358, 22.1221, 17.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 138, 107) }
```

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

```
.background{ background-color: rgb(103,  
138, 107) }
```

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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