

Converting Colors

XYZ(17.5156, 22.1297, 21.1176)

Have a look what the booklet for
XYZ(17.5156, 22.1297, 21.1176)
contains.

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Color

**XYZ(17.5156, 22.1297,
21.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	628A78
RGB	98, 138, 120
RGB Percent	38%, 54%, 47%
CMY	0.6157, 0.4588, 0.5294
CMYK	0.29, 0.00, 0.13, 0.46
HSL	153°, 17%, 46%
HSV	153°, 29%, 54%
XYZ	17.5156, 22.1297, 21.1176
YIQ	123.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

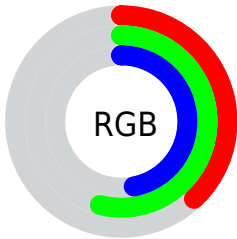
Format	Color
R_{YB}	98, 124, 138
Decimal	6457976
CIE _{Lab}	54.16, -17.90, 5.20
CIE _{LCh}	54, 18.641, 163.789
Yxy	22.1297, 0.2883, 0.3642
Android (android.graphics.Color)	4284648056 (0xFF628A78)
YUV	123.9880, -1.9661, -22.7915
Hunter-Lab	47.0422, -15.8616, 6.3138

Details

The XYZ color **17.5156, 22.1297, 21.1176** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0020, 15.4000, 18.5474**, and the grayscale version is **19.1653, 20.1634, 21.9579**.

A 20% lighter version of the original color is **38.8737, 47.1619, 46.0840**, and **5.9748, 8.1254, 7.3844** is the 20% darker color. If you saturate the color by 10%, you get **15.7884, 21.2820, 19.1329**, and if you desaturate by 10%, it is **19.5253, 23.1213, 23.2441**.

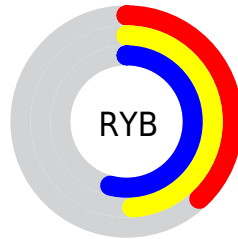
Distribution



Red (38%)

Green (54%)

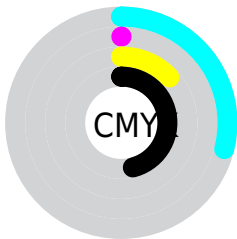
Blue (47%)



Red (38%)

Yellow (49%)

Blue (54%)

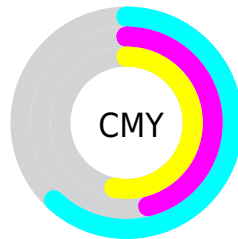


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (46%)



Cyan (62%)

Magenta (46%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5156, 22.1297, 21.1176 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 17.5156, 22.1297, 21.1176 by changing the saturation by 10% instead.

■ 17.5156, 22.1297,
21.1176

■ 17.5156, 22.1297,
21.1176

231.2251,
263.2229, 270.7044

■ 10.7004, 13.9522,
13.0179

■ 38.7468, 46.9603,
46.1665

■ 5.9315, 8.0874,
7.3100

■ 53.8934, 64.3822,
63.9528

■ 2.8437, 4.1510,
3.5754

■ 72.5478, 85.6543,
85.8050

■ 1.0717, 1.7584,
1.3954

■ 95.0755, 111.1611,
112.1418

■ 0.0012, 0.4610,
0.1381

121.8417,
141.2870, 143.3815

■ 0.0000, 0.0000,
0.0000

153.2118,

176.4163, 179.9428

189.5512,
216.9335, 222.2443

■ 17.5156, 22.1297,
21.1176

■ 17.5156, 22.1297,
21.1176

■ 15.7884, 21.2820,
19.1329

■ 19.5253, 23.1213,
23.2441

■ 14.3281, 20.5686,
17.2855

■ 21.8282, 24.2607,
25.5138

■ 13.1207, 19.9828,
15.5727

■ 24.4369, 25.5548,
27.9301

■ 12.1496, 19.5162,
13.9912

■ 27.3626, 27.0093,
30.4957

■ 11.3966, 19.1594,
12.5375

■ 30.6159, 28.6296,
33.2132

■ 10.8404, 18.9016,
11.2078

■ 34.2070, 30.4210,
36.0853

■ 10.4294, 18.7160,
9.9970

■ 38.1455, 32.3884,
39.1145

■ 10.3899, 18.6982,
9.8806

■ 42.4407, 34.5366,
42.3032

■ 47.1015, 36.8700,
45.6538

Harmonies

Analogous

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



18.4554, 22.1297, 16.9157



17.5156, 22.1297, 21.1176



17.4780, 22.1297, 26.8490

Triad

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



17.5156, 22.1297, 21.1176



21.9743, 22.1297, 36.6129



23.9681, 22.1297, 17.1801

Complementary

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



17.5156, 22.1297, 21.1176



18.0020, 15.4000, 18.5474

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.



25.0415, 22.1297, 21.5370



17.5156, 22.1297, 21.1176



23.8415, 22.1297, 33.0642

Square

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



17.5156, 22.1297, 21.1176



19.9664, 22.1297, 36.4521



24.9937, 22.1297, 27.3409



22.1382, 22.1297, 14.9042

Rectangle

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



17.5156, 22.1297, 21.1176



17.9640, 22.1297, 30.8361



24.9937, 22.1297, 27.3409



24.4344, 22.1297, 18.4165

Sweetspot

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



17.5162, 22.1306, 21.1181



38.3854, 42.7177, 44.8856



18.5852, 22.8186, 14.9803



8.4868, 9.5205, 9.9497



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.



17.5162, 22.1306, 21.1181



28.7619, 37.9693, 34.8299



18.5235, 22.2293, 27.3603



5.0794, 5.6512, 5.9390



9.5331, 17.1458, 9.0977



0.0707, 0.1169, 0.0994

Inverse Universe

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



18.0020, 15.4000, 18.5474



29.7681, 24.0387, 29.5127



17.1799, 15.2725, 13.5978



5.1203, 5.0836, 5.7220



10.4168, 5.2768, 4.6992



0.0764, 0.0379, 0.0692

Previews

White Background



This preview shows how the XYZ color 17.5156, 22.1297, 21.1176 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 17.5156, 22.1297, 21.1176 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

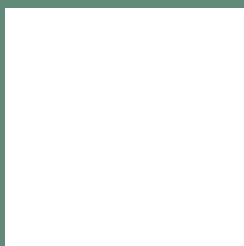
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5156, 22.1297, 21.1176

Background



This preview shows how black text looks on a background with the XYZ color 17.5156, 22.1297, 21.1176.



This preview shows how white text looks on a background with the XYZ color 17.5156, 22.1297,

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

17.5156, 22.1297, 21.1176

Protanopia

20.9364, 22.0892, 19.3798

Deuteranopia

22.4104, 22.0266, 21.8093



Tritanopia

19.2295, 21.9781, 30.0168

Trichromacy



Original Color

17.5156, 22.1297, 21.1176

Protanomaly

19.4882, 21.9245, 20.0343

Deuteranomaly

20.2479, 21.8824, 21.5689

Tritanomaly

18.4747, 21.8722, 26.5406

Monochromacy



Original Color

17.5156, 22.1297, 21.1176

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.4956, 20.7754, 21.7741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5156, 22.1297, 21.1176 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(98, 138, 120)` looks like.

```
.text, #text, p{  
    color:rgb(98, 138, 120)  
}
```

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(98, 138, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 138, 120) }
```

Border

The CSS property to change the border of an element to XYZ 17.5156, 22.1297, 21.1176 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(98, 138, 120) }
```


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

```
.border{ border-color:rgb(98, 138, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 138, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 138, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 138, 120);  
box-shadow:4px 4px 4px 4px rgb(98, 138,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5156, 22.1297, 21.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 138, 120) }
```

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

```
.background{ background-color: rgb(98, 138,  
120) }
```

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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