

Converting Colors

XYZ(14.5734, 17.7804, 22.1918)

Have a look what the booklet for
XYZ(14.5734, 17.7804, 22.1918)
contains.

XYZ(14.5655, 17.7808, 22.0664)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.5655, 17.7808,
22.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	547C7D
RGB	84, 124, 125
RGB Percent	33%, 49%, 49%
CMY	0.6706, 0.5137, 0.5098
CMYK	0.33, 0.01, 0.00, 0.51
HSL	181°, 20%, 41%
HSV	181°, 33%, 49%
XYZ	14.5655, 17.7808, 22.0664
YIQ	112.1540, -24.1610, -8.1690

Conversions

Conversions Part 2

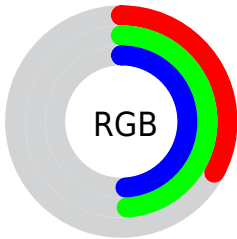
Format	Color
R_YB	84, 104, 125
Decimal	5536893
CIE _{Lab}	49.23, -13.59, -5.01
CIE _{LCh}	49, 14.488, 200.244
Yxy	17.7808, 0.2677, 0.3268
Android (android.graphics.Color)	4283726973 (0xFF547C7D)
YUV	112.1540, 6.3331, -24.6911
Hunter-Lab	42.1673, -12.1350, -1.5097

Details

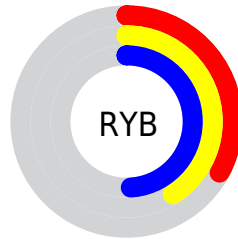
The XYZ color **14.5655, 17.7808, 22.0664** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.3064, 11.4973, 9.9058**, and the grayscale version is **15.4338, 16.2376, 17.6827**.

A 20% lighter version of the original color is **33.7497, 39.8095, 48.0247**, and **4.5137, 5.9113, 7.7406** is the 20% darker color. If you saturate the color by 10%, you get **13.5071, 17.1791, 22.0063**, and if you desaturate by 10%, it is **15.8248, 18.4871, 22.1367**.

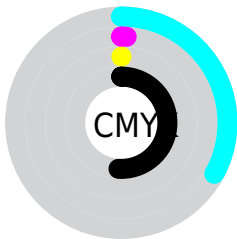
Distribution



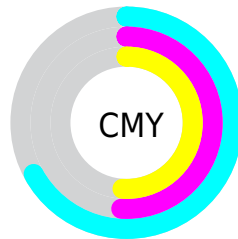
- Red (33%)
- Green (49%)
- Blue (49%)



- Red (33%)
- Yellow (41%)
- Blue (49%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5655, 17.7808, 22.0664 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 14.5655, 17.7808, 22.0664 by changing the saturation by 10% instead.

■ 14.5655, 17.7808,
22.0664

■ 14.5655, 17.7808,
22.0664

214.1620,
239.6326, 275.8576

■ 8.5993, 10.7927,
13.7069

■ 33.6671, 39.6635,
47.7593

■ 4.5358, 5.9276,
7.7807

■ 47.5332, 55.3268,
65.9298

■ 2.0095, 2.8011,
3.8692

■ 64.7633, 74.6508,
88.2078

■ 0.6393, 1.0288,
1.5539

■ 85.7229, 98.0197,
115.0116

■ 0.0000, 0.0000,
0.2576

■ 110.7771,
125.8179, 146.7600

■ 0.0000, 0.0000,
0.0000

140.2915,

158.4299, 183.8715

174.6313,
196.2400, 226.7645

■ 14.5655, 17.7808,
22.0664

■ 14.5655, 17.7808,
22.0664

■ 13.5071, 17.1791,
22.0063

■ 15.8248, 18.4871,
22.1367

■ 12.6374, 16.6743,
21.9548

■ 17.2932, 19.3010,
22.2164

■ 11.9452, 16.2613,
21.9115

■ 18.9804, 20.2279,
22.3063

■ 11.4177, 15.9333,
21.8760

■ 20.8952, 21.2723,
22.4070

■ 11.0404, 15.6829,
21.8476

■ 23.0455, 22.4383,
22.5187

■ 10.7955, 15.5011,
21.8254

■ 25.4393, 23.7299,
22.6419

■ 10.6559, 15.3891,
21.8111

■ 28.0840, 25.1510,
22.7768

■ 30.9865, 26.7053,
22.9238

■ 34.1539, 28.3963,
23.0833

Harmonies

Analogous

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



14.4538, 17.7808, 18.1198



14.5655, 17.7808, 22.0664



15.2838, 17.7808, 25.7010

Triad

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



14.5655, 17.7808, 22.0664



18.9892, 17.7808, 24.5504



17.3467, 17.7808, 12.8828

Complementary

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



14.5655, 17.7808, 22.0664



13.3064, 11.4973, 9.9058

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.



18.6266, 17.7808, 14.1589



14.5655, 17.7808, 22.0664



19.6079, 17.7808, 20.6561

Square

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



14.5655, 17.7808, 22.0664



17.8203, 17.7808, 27.2631



19.4718, 17.7808, 16.8850



16.0121, 17.7808, 13.1545

Rectangle

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



14.5655, 17.7808, 22.0664



16.0323, 17.7808, 27.2904



19.4718, 17.7808, 16.8850



17.7987, 17.7808, 13.1377

Sweetspot

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



14.5660, 17.7815, 22.0668



31.7021, 34.9678, 39.8229



12.6173, 17.2033, 11.1845



7.1354, 7.9122, 9.0542



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.5660, 17.7815, 22.0668



24.6936, 31.0528, 39.4367



12.2901, 13.2297, 21.3082



4.4377, 4.8695, 5.5193



11.1207, 16.0598, 22.7637



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2663, 12.1563, 20.6114



26.1501, 19.4325, 36.3920



15.1283, 15.1410, 10.5131



4.4938, 4.4107, 5.4047



12.4902, 6.0158, 19.7028



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5655, 17.7808, 22.0664 looks on a white 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

Black Background



This preview shows how the XYZ color 14.5655, 17.7808, 22.0664 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

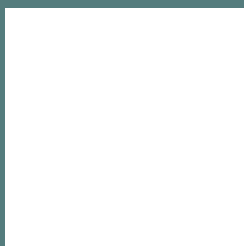
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5655, 17.7808, 22.0664

Background



This preview shows how black text looks on a background with the XYZ color 14.5655, 17.7808, 22.0664.



This preview shows how white text looks on a background with the XYZ color 14.5655, 17.7808,

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

14.5655, 17.7808, 22.0664

Protanopia

17.1068, 17.6984, 20.2838

Deuteranopia

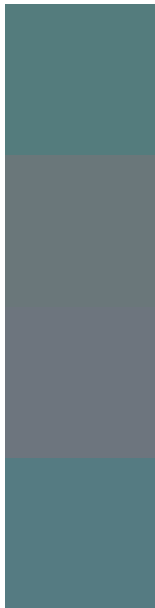
17.9043, 17.5535, 22.5232



Tritanopia

15.1543, 17.8378, 24.8346

Trichromacy



Original Color

14.5655, 17.7808, 22.0664

Protanomaly

16.0535, 17.6630, 20.9755

Deuteranomaly

16.4339, 17.4801, 22.2465

Tritanomaly

14.8585, 17.7089, 23.7541

Monochromacy



Original Color

14.5655, 17.7808, 22.0664

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9358, 16.5999, 19.2465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5655, 17.7808, 22.0664 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(84, 124, 125) looks like.

```
.text, #text, p{  
  color:rgb(84, 124, 125)  
}
```

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(84, 124, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 124, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.5655, 17.7808, 22.0664 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(84, 124, 125) }
```


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

```
.border{ border-color:rgb(84, 124, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 124, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 124, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 124, 125);  
box-shadow:4px 4px 4px 4px rgb(84, 124,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5655, 17.7808, 22.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 124, 125) }
```

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

```
.background{ background-color: rgb(84, 124,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor