

Converting Colors

XYZ(17.5623, 21.9869, 28.1197)

Have a look what the booklet for
XYZ(17.5623, 21.9869, 28.1197)
contains.

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Color

**XYZ(17.5684, 22.0017,
28.1317)**

Conversions

Conversions Part 1

Format	Color
Hex	558A8C
RGB	85, 138, 140
RGB Percent	33%, 54%, 55%
CMY	0.6667, 0.4588, 0.4510
CMYK	0.39, 0.01, 0.00, 0.45
HSL	182°, 24%, 44%
HSV	182°, 39%, 55%
XYZ	17.5684, 22.0017, 28.1317
YIQ	122.3810, -32.2300, -10.6140

Conversions

Conversions Part 2

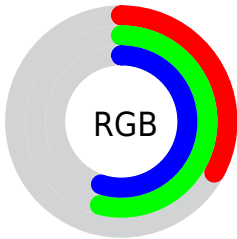
Format	Color
R_{YB}	85, 112, 140
Decimal	5606028
CIE _{Lab}	54.03, -17.03, -6.64
CIE _{LCh}	54, 18.280, 201.309
Yxy	22.0017, 0.2595, 0.3250
Android (android.graphics.Color)	4283796108 (0xFF558A8C)
YUV	122.3810, 8.6862, -32.7831
Hunter-Lab	46.9060, -15.2292, -2.7248

Details

The XYZ color **17.5684, 22.0017, 28.1317** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.8634, 13.0479, 10.2772**, and the grayscale version is **18.6038, 19.5726, 21.3146**.

A 20% lighter version of the original color is **38.7918, 46.8679, 57.4539**, and **5.9624, 8.0410, 10.9107** is the 20% darker color. If you saturate the color by 10%, you get **16.3484, 21.2652, 28.0542**, and if you desaturate by 10%, it is **19.0415, 22.8703, 28.2221**.

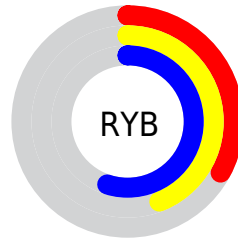
Distribution



Red (33%)

Green (54%)

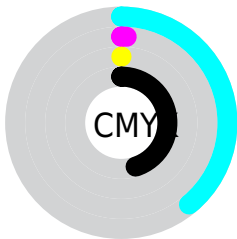
Blue (55%)



Red (33%)

Yellow (44%)

Blue (55%)

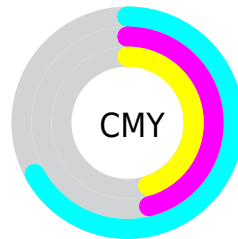


Cyan (39%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (67%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5684, 22.0017, 28.1317 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 17.5684, 22.0017, 28.1317 by changing the saturation by 10% instead.

■ 17.5684, 22.0017,
28.1317

■ 17.5684, 22.0017,
28.1317

231.5199,
262.5552, 307.0274

■ 10.7384, 13.8581,
18.1851

■ 38.8364, 46.7488,
57.7203

■ 5.9572, 8.0221,
10.9121

■ 54.0050, 64.1212,
78.1993

■ 2.8595, 4.1091,
5.8943

■ 72.6840, 85.3385,
103.0261

■ 1.0799, 1.7348,
2.7132

■ 95.2385, 110.7854,
132.6194

■ 0.0082, 0.4460,
0.9501

■ 122.0340,
140.8461, 167.3976

■ 0.0000, 0.0000,
0.0000

153.4358,

175.9050, 207.7794

189.8093,
216.3466, 254.1831

■ 17.5684, 22.0017,
28.1317

■ 17.5684, 22.0017,
28.1317

■ 16.3484, 21.2652,
28.0542

■ 19.0415, 22.8703,
28.2221

■ 15.3647, 20.6505,
27.9874

■ 20.7796, 23.8754,
28.3245

■ 14.6015, 20.1500,
27.9310

■ 22.7958, 25.0244,
28.4400

■ 14.0401, 19.7540,
27.8842

■ 25.1022, 26.3235,
28.5692

■ 13.6589, 19.4514,
27.8459

■ 27.7098, 27.7784,
28.7126

■ 13.4033, 19.2141,
27.8135

■ 30.6294, 29.3947,
28.8707

■ 13.3857, 19.1975,
27.8113

■ 33.8710, 31.1774,
29.0439

■ 37.4441, 33.1316,
29.2328

■ 41.3582, 35.2621,
29.4377

Harmonies

Analogous

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



17.3767, 22.0017, 22.3493



17.5684, 22.0017, 28.1317



18.6258, 22.0017, 33.4920

Triad

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



17.5684, 22.0017, 28.1317



24.0198, 22.0017, 31.4219



21.4913, 22.0017, 14.7297

Complementary

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



17.5684, 22.0017, 28.1317



15.8634, 13.0479, 10.2772

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.



23.3780, 22.0017, 16.4274



17.5684, 22.0017, 28.1317



24.8969, 22.0017, 25.6381

Square

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



17.5684, 22.0017, 28.1317



22.3232, 22.0017, 35.5900



24.6549, 22.0017, 20.2156



19.5615, 22.0017, 15.1818

Rectangle

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



17.5684, 22.0017, 28.1317



19.7179, 22.0017, 35.8118



24.6549, 22.0017, 20.2156



22.1532, 22.0017, 15.0567

Sweetspot

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



17.5691, 22.0026, 28.1322



39.0820, 43.4902, 50.0776



14.8383, 21.3733, 12.3250



8.9128, 9.9685, 11.5338



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.



17.5691, 22.0026, 28.1322



29.0770, 37.6468, 49.4770



14.1285, 15.1215, 26.9854



5.1575, 5.6580, 6.4261



11.8968, 17.0640, 24.7123



0.0813, 0.1179, 0.1649

Inverse Universe

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



18.6517, 13.9079, 25.7472



31.2784, 21.4003, 44.5796



18.5103, 18.3418, 11.1595



5.2261, 5.1259, 6.2793



13.4918, 6.5068, 20.8918



0.0908, 0.0437, 0.1448

Previews

White Background



This preview shows how the XYZ color 17.5684, 22.0017, 28.1317 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 17.5684, 22.0017, 28.1317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

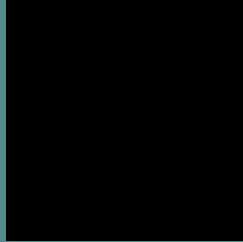
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5684, 22.0017, 28.1317

Background



This preview shows how black text looks on a background with the XYZ color 17.5684, 22.0017, 28.1317.

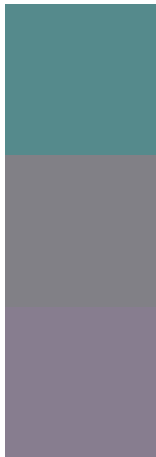


This preview shows how white text looks on a background with the XYZ color 17.5684, 22.0017,

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

17.5684, 22.0017, 28.1317

Protanopia

21.0755, 21.8267, 25.6564

Deuteranopia

22.2832, 21.8013, 29.0202



Tritanopia

18.2214, 22.0557, 31.3138

Trichromacy



Original Color

17.5684, 22.0017, 28.1317

Protanomaly

19.5052, 21.7908, 26.4706

Deuteranomaly

20.2012, 21.7002, 28.7150

Tritanomaly

17.8942, 21.9141, 30.0748

Monochromacy



Original Color

17.5684, 22.0017, 28.1317

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.9883, 20.2745, 23.7342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5684, 22.0017, 28.1317 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(85, 138, 140)` looks like.

```
.text, #text, p{  
    color:rgb(85, 138, 140)  
}
```

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(85, 138, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 138, 140) }
```

Border

The CSS property to change the border of an element to XYZ 17.5684, 22.0017, 28.1317 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(85, 138, 140) }
```


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

```
.border{ border-color:rgb(85, 138, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 138, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 138, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 138, 140);  
box-shadow:4px 4px 4px 4px rgb(85, 138,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5684, 22.0017, 28.1317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 138, 140) }
```

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

```
.background{ background-color: rgb(85, 138,  
140) }
```

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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