

Converting Colors

XYZ(17.5679, 22.1718, 30.1417)

Have a look what the booklet for
XYZ(17.5679, 22.1718, 30.1417)
contains.

XYZ(17.5679, 22.1718, 30.1417)	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(17.5679, 22.1718,
30.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8B91
RGB	79, 139, 145
RGB Percent	31%, 55%, 57%
CMY	0.6902, 0.4549, 0.4314
CMYK	0.46, 0.04, 0.00, 0.43
HSL	185°, 29%, 44%
HSV	185°, 46%, 57%
XYZ	17.5679, 22.1718, 30.1417
YIQ	121.7440, -37.6860, -10.8540

Conversions

Conversions Part 2

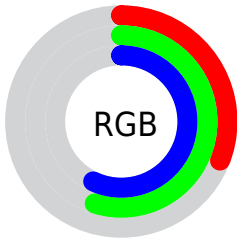
Format	Color
R_{YB}	79, 110, 145
Decimal	5213073
CIE _{Lab}	54.21, -17.81, -9.30
CIE _{LCh}	54, 20.089, 207.566
Yxy	22.1718, 0.2514, 0.3173
Android (android.graphics.Color)	4283403153 (0xFF4F8B91)
YUV	121.7440, 11.4652, -37.4865
Hunter-Lab	47.0869, -15.8047, -4.9924

Details

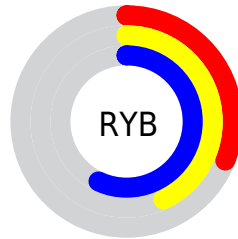
The XYZ color **17.5679, 22.1718, 30.1417** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3373, 13.0817, 9.0617**, and the grayscale version is **18.3884, 19.3461, 21.0679**.

A 20% lighter version of the original color is **38.8945, 47.1690, 61.0874**, and **5.9913, 8.1531, 12.0844** is the 20% darker color. If you saturate the color by 10%, you get **16.3014, 21.2378, 30.0286**, and if you desaturate by 10%, it is **19.1012, 23.2478, 30.2690**.

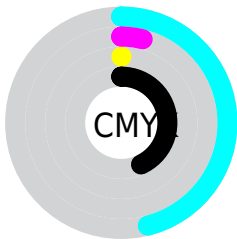
Distribution



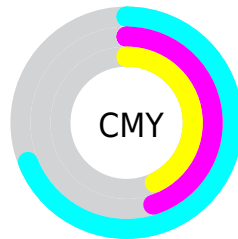
- Red (31%)
- Green (55%)
- Blue (57%)



- Red (31%)
- Yellow (43%)
- Blue (57%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (69%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5679, 22.1718, 30.1417 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 17.5679, 22.1718, 30.1417 by changing the saturation by 10% instead.

■ 17.5679, 22.1718,
30.1417

■ 17.5679, 22.1718,
30.1417

231.5171,
263.4421, 316.7922

■ 10.7380, 13.9832,
19.6932

■ 38.8355, 47.0298,
60.9498

■ 5.9569, 8.1090,
11.9904

■ 54.0040, 64.4679,
82.1466

■ 2.8593, 4.1648,
6.6147

■ 72.6827, 85.7581,
107.7631

■ 1.0798, 1.7661,
3.1475

■ 95.2370, 111.2846,
138.2181

■ 0.0081, 0.4659,
1.1705

■ 122.0322,
141.4318, 173.9299

■ 0.0000, 0.0000,
0.0000

153.4337,

176.5843, 215.3172

189.8069,
217.1262, 262.7984

■ 17.5679, 22.1718,
30.1417

■ 17.5679, 22.1718,
30.1417

■ 16.3014, 21.2378,
30.0286

■ 19.1012, 23.2478,
30.2690

■ 15.2823, 20.4343,
29.9272

■ 20.9149, 24.4712,
30.4095

■ 14.4920, 19.7520,
29.8371

■ 23.0243, 25.8505,
30.5646

■ 13.9081, 19.1796,
29.7574

■ 25.4428, 27.3927,
30.7348

■ 13.4996, 18.7010,
29.6866

■ 28.1832, 29.1042,
30.9207

■ 13.3380, 18.4985,
29.6560

■ 31.2573, 30.9912,
31.1229

■ 34.6765, 33.0596,
31.3419

■ 38.4516, 35.3150,
31.5783

■ 42.5929, 37.7627,
31.8325

Harmonies

Analogous

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



17.1526, 22.1718, 23.6345



17.5679, 22.1718, 30.1417



18.9020, 22.1718, 35.7731

Triad

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



17.5679, 22.1718, 30.1417



24.8180, 22.1718, 31.1784



21.2523, 22.1718, 14.0139

Complementary

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



17.5679, 22.1718, 30.1417



16.3373, 13.0817, 9.0617

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.



23.4056, 22.1718, 15.3514



17.5679, 22.1718, 30.1417



25.5509, 22.1718, 24.6553

Square

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



17.5679, 22.1718, 30.1417



23.0761, 22.1718, 36.4406



25.0172, 22.1718, 18.9953



19.1905, 22.1718, 14.9771

Rectangle

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



17.5679, 22.1718, 30.1417



20.1829, 22.1718, 37.8838



25.0172, 22.1718, 18.9953



21.9902, 22.1718, 14.2034

Sweetspot

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



17.5686, 22.1727, 30.1422



41.7323, 46.6159, 54.7718



14.9703, 22.5615, 12.0570



9.1084, 10.2571, 12.1720



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.5686, 22.1727, 30.1422



29.0650, 37.9357, 53.7640



13.5416, 14.1187, 28.7999



5.5190, 6.0337, 6.9025



11.4501, 15.8862, 25.4399



0.1174, 0.1677, 0.2459

Inverse Universe

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



19.1338, 13.4764, 26.0197



32.3174, 20.5296, 45.0487



19.5085, 19.4242, 10.1188



5.6054, 5.5027, 6.6861



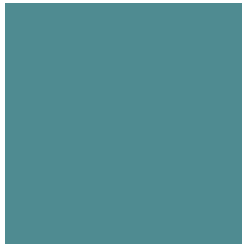
13.5826, 6.5901, 19.2511



0.1339, 0.0646, 0.2051

Previews

White Background



This preview shows how the XYZ color 17.5679, 22.1718, 30.1417 looks on a white background.

Color Contrast Check

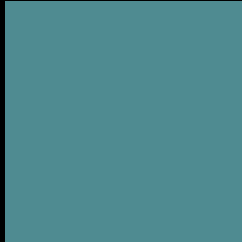
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5679, 22.1718, 30.1417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

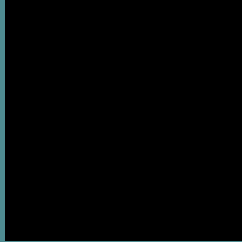
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5679, 22.1718, 30.1417

Background



This preview shows how black text looks on a background with the XYZ color 17.5679, 22.1718, 30.1417.



This preview shows how white text looks on a background with the XYZ color 17.5679, 22.1718,

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

17.5679, 22.1718, 30.1417

Protanopia

21.3599, 21.9404, 27.1539

Deuteranopia

22.4790, 22.0464, 31.0876



Tritanopia

17.8216, 22.0524, 31.7510

Trichromacy



Original Color

17.5679, 22.1718, 30.1417

Protanomaly

19.6145, 21.8051, 28.3743

Deuteranomaly

20.1928, 21.8499, 30.7569

Tritanomaly

17.7420, 22.0205, 31.3323

Monochromacy



Original Color

17.5679, 22.1718, 30.1417

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.6923, 20.1142, 24.0690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5679, 22.1718, 30.1417 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(79, 139, 145)` looks like.

```
.text, #text, p{  
    color:rgb(79, 139, 145)  
}
```

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(79, 139, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 139, 145) }
```

Border

The CSS property to change the border of an element to XYZ 17.5679, 22.1718, 30.1417 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(79, 139, 145) }
```


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

```
.border{ border-color:rgb(79, 139, 145) }
```

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

Here you see how a box with a 4 pixel rgb(79, 139, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 139, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 139, 145);  
box-shadow:4px 4px 4px 4px rgb(79, 139,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5679, 22.1718, 30.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 139, 145) }
```

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

```
.background{ background-color: rgb(79, 139,  
145) }
```

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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