

Converting Colors

XYZ(17.5624, 22.5543, 20.6423)

Have a look what the booklet for
XYZ(17.5624, 22.5543, 20.6423)
contains.

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Color

**XYZ(17.5779, 22.6056,
20.5764)**

Conversions

Conversions Part 1

Format	Color
Hex	618C76
RGB	97, 140, 118
RGB Percent	38%, 55%, 46%
CMY	0.6196, 0.4510, 0.5373
CMYK	0.31, 0.00, 0.16, 0.45
HSL	149°, 18%, 46%
HSV	149°, 31%, 55%
XYZ	17.5779, 22.6056, 20.5764
YIQ	124.6350, -18.5660, -15.9580

Conversions

Conversions Part 2

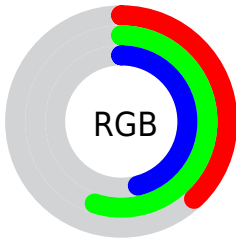
Format	Color
R_{YB}	97, 126, 140
Decimal	6392950
CIE _{Lab}	54.66, -19.72, 7.06
CIE _{LCh}	55, 20.942, 160.291
Yxy	22.6056, 0.2893, 0.3720
Android (android.graphics.Color)	4284583030 (0xFF618C76)
YUV	124.6350, -3.2711, -24.2359
Hunter-Lab	47.5453, -17.2115, 7.6226

Details

The XYZ color **17.5779, 22.6056, 20.5764** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.4205, 15.4574, 19.4665**, and the grayscale version is **19.3860, 20.3956, 22.2108**.

A 20% lighter version of the original color is **38.9419, 47.8754, 45.2186**, and **5.9806, 8.3829, 7.0972** is the 20% darker color. If you saturate the color by 10%, you get **15.8062, 21.7402, 18.3554**, and if you desaturate by 10%, it is **19.6465, 23.6215, 22.9811**.

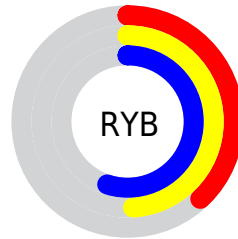
Distribution



Red (38%)

Green (55%)

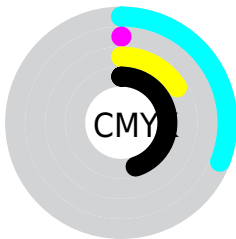
Blue (46%)



Red (38%)

Yellow (49%)

Blue (55%)

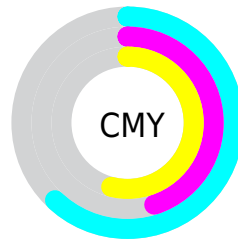


Cyan (31%)

Magenta (0%)

Yellow (16%)

Black (45%)



Cyan (62%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5779, 22.6056, 20.5764 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 17.5779, 22.6056, 20.5764 by changing the saturation by 10% instead.

■ 17.5779, 22.6056,
20.5764

■ 17.5779, 22.6056,
20.5764

231.5729,
265.6928, 267.7253

■ 10.7452, 14.3026,
12.6265

■ 38.8525, 47.7449,
45.2531

■ 5.9618, 8.3314,
7.0442

■ 54.0251, 65.3500,
62.8169

■ 2.8623, 4.3077,
3.4109

■ 72.7084, 86.8245,
84.4225

■ 1.0814, 1.8471,
1.3081

■ 95.2678, 112.5528,
110.4884

■ 0.0094, 0.5163,
0.0684

122.0686,
142.9195, 141.4330

■ 0.0000, 0.0000,
0.0000

153.4761,

178.3087, 177.6751

189.8558,
219.1050, 219.6330

■ 17.5779, 22.6056,
20.5764

■ 17.5779, 22.6056,
20.5764

■ 15.8062, 21.7402,
18.3554

■ 19.6465, 23.6215,
22.9811

■ 14.3150, 21.0151,
16.3121

■ 22.0236, 24.7921,
25.5721

■ 13.0890, 20.4233,
14.4424

■ 24.7225, 26.1247,
28.3542

■ 12.1108, 19.9556,
12.7415

■ 27.7553, 27.6253,
31.3311

■ 11.3605, 19.6021,
11.2044

■ 31.1330, 29.2999,
34.5068

■ 10.8152, 19.3509,
9.8255

■ 34.8667, 31.1537,
37.8850

■ 10.4332, 19.1789,
8.6803

■ 38.9664, 33.1921,
41.4692

■ 43.4422, 35.4201,
45.2630

■ 48.3035, 37.8426,
49.2699

Harmonies

Analogous

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



18.7455, 22.6056, 16.1459



17.5779, 22.6056, 20.5764



17.4137, 22.6056, 26.9514

Triad

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



17.5779, 22.6056, 20.5764



22.2874, 22.6056, 39.3334



25.0469, 22.6056, 17.2843

Complementary

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



17.5779, 22.6056, 20.5764



18.4205, 15.4574, 19.4665

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.



26.1482, 22.6056, 22.4151



17.5779, 22.6056, 20.5764



24.4812, 22.6056, 35.6202

Square

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



17.5779, 22.6056, 20.5764



20.0257, 22.6056, 38.6007



25.9341, 22.6056, 29.1472



23.0155, 22.6056, 14.4939

Rectangle

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



17.5779, 22.6056, 20.5764



17.8818, 22.6056, 31.5868



25.9341, 22.6056, 29.1472



25.5445, 22.6056, 18.7506

Sweetspot

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



17.5785, 22.6065, 20.5769



39.5153, 44.0472, 45.8089



19.1741, 23.5576, 14.8461



8.9690, 10.0823, 10.4118



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.



17.5785, 22.6065, 20.5769



28.7303, 38.7492, 33.4764



18.9896, 23.1710, 28.0075



5.0670, 5.6463, 5.8737



9.2799, 17.0446, 7.7647



0.0690, 0.1162, 0.0903

Inverse Universe

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



18.4205, 15.4574, 19.4665



30.4640, 24.0271, 31.1888



17.2819, 15.0019, 13.4704



5.1327, 5.0885, 5.7871



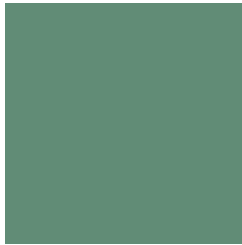
10.6485, 5.3695, 5.9193



0.0781, 0.0386, 0.0783

Previews

White Background



This preview shows how the XYZ color 17.5779, 22.6056, 20.5764 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 17.5779, 22.6056, 20.5764 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 17.5779, 22.6056, 20.5764

Background



This preview shows how black text looks on a background with the XYZ color 17.5779, 22.6056, 20.5764.



This preview shows how white text looks on a background with the XYZ color 17.5779, 22.6056,

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

17.5779, 22.6056, 20.5764

Protanopia

21.2798, 22.4759, 18.8395

Deuteranopia

22.7661, 22.4132, 21.2154



Tritanopia

19.6641, 22.5985, 30.9293

Trichromacy



Original Color

17.5779, 22.6056, 20.5764

Protanomaly

19.6456, 22.4256, 19.5128

Deuteranomaly

20.4086, 22.1779, 20.9744

Tritanomaly

18.7564, 22.4356, 26.6345

Monochromacy



Original Color

17.5779, 22.6056, 20.5764

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.5657, 21.0152, 21.4902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5779, 22.6056, 20.5764 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(97, 140, 118)` looks like.

```
.text, #text, p{  
    color:rgb(97, 140, 118)  
}
```

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(97, 140, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 140, 118) }
```

Border

The CSS property to change the border of an element to XYZ 17.5779, 22.6056, 20.5764 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(97, 140, 118) }
```


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

```
.border{ border-color:rgb(97, 140, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 140, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 140, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 140, 118); box-shadow:4px 4px 4px 4px rgb(97, 140, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5779, 22.6056, 20.5764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 140, 118) }
```

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

```
.background{ background-color: rgb(97, 140,  
118) }
```

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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