

Converting Colors

XYZ(17.2234, 22.1418, 23.7225)

Have a look what the booklet for
XYZ(17.2234, 22.1418, 23.7225)
contains.

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Color

**XYZ(17.2487, 22.1476,
23.7879)**

Conversions

Conversions Part 1

Format	Color
Hex	598B80
RGB	89, 139, 128
RGB Percent	35%, 55%, 50%
CMY	0.6510, 0.4549, 0.4980
CMYK	0.36, 0.00, 0.08, 0.45
HSL	167°, 22%, 45%
HSV	167°, 36%, 55%
XYZ	17.2487, 22.1476, 23.7879
YIQ	122.7960, -26.2690, -14.0210

Conversions

Conversions Part 2

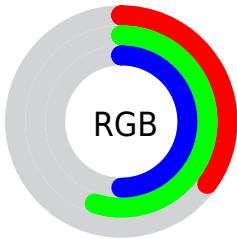
Format	Color
R_{YB}	89, 117, 139
Decimal	5868416
CIE _{Lab}	54.18, -19.43, 0.55
CIE _{LCh}	54, 19.442, 178.380
Yxy	22.1476, 0.2730, 0.3505
Android (android.graphics.Color)	4284058496 (0xFF598B80)
YUV	122.7960, 2.5656, -29.6391
Hunter-Lab	47.0612, -16.9340, 2.9737

Details

The XYZ color **17.2487, 22.1476, 23.7879** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.5208, 13.5544, 13.8029**, and the grayscale version is **18.7580, 19.7349, 21.4913**.

A 20% lighter version of the original color is **38.3950, 47.1388, 50.7911**, and **5.8204, 8.1406, 8.6617** is the 20% darker color. If you saturate the color by 10%, you get **15.8406, 21.4452, 22.6873**, and if you desaturate by 10%, it is **18.9160, 22.9841, 24.9333**.

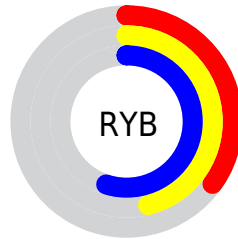
Distribution



Red (35%)

Green (55%)

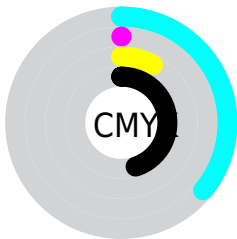
Blue (50%)



Red (35%)

Yellow (46%)

Blue (55%)

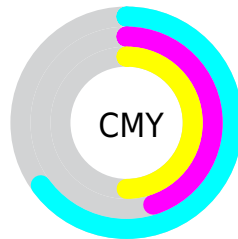


Cyan (36%)

Magenta (0%)

Yellow (8%)

Black (45%)



Cyan (65%)

Magenta (45%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2487, 22.1476, 23.7879 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 17.2487, 22.1476, 23.7879 by changing the saturation by 10% instead.

■ 17.2487, 22.1476,
23.7879

■ 17.2487, 22.1476,
23.7879

229.7299,
263.3161, 284.9984

■ 10.5084, 13.9654,
14.9656

■ 38.2931, 46.9898,
50.6233

■ 5.8021, 8.0966,
8.6489

■ 53.3279, 64.4186,
69.4736

■ 2.7647, 4.1568,
4.4192

■ 71.8582, 85.6984,
92.5036

■ 1.0306, 1.7617,
1.8580

■ 94.2493, 111.2136,
120.1318

■ 0.0000, 0.4631,
0.4658

120.8667,
141.3486, 152.7769

■ 0.0000, 0.0000,
0.0000

152.0757,

176.4877, 190.8573

188.2417,
217.0154, 234.7916

■ 17.2487, 22.1476,
23.7879

■ 17.2487, 22.1476,
23.7879

■ 15.8406, 21.4452,
22.6873

■ 18.9160, 22.9841,
24.9333

■ 14.6756, 20.8668,
21.6290

■ 20.8539, 23.9588,
26.1228

■ 13.7385, 20.4053,
20.6125

■ 23.0751, 25.0788,
27.3578

■ 13.0120, 20.0516,
19.6367

■ 25.5911, 26.3501,
28.6391

■ 12.4757, 19.7953,
18.7003

■ 28.4129, 27.7783,
29.9675

■ 12.0986, 19.6204,
17.8017

■ 31.5506, 29.3687,
31.3436

■ 11.9621, 19.5577,
17.4489

■ 35.0141, 31.1262,
32.7683

■ 38.8128, 33.0558,
34.2421

■ 42.9557, 35.1621,
35.7659

Harmonies

Analogous

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



17.7802, 22.1476, 18.5199



17.2487, 22.1476, 23.7879



17.6779, 22.1476, 30.0725

Triad

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



17.2487, 22.1476, 23.7879



23.0393, 22.1476, 35.8552



23.2510, 22.1476, 15.5095

Complementary

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



17.2487, 22.1476, 23.7879



16.5208, 13.5544, 13.8029

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.



24.8271, 22.1476, 19.0013



17.2487, 22.1476, 23.7879



24.6993, 22.1476, 30.7367

Square

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



17.2487, 22.1476, 23.7879



20.9361, 22.1476, 37.6998



25.3738, 22.1476, 24.4450



21.1656, 22.1476, 14.2622

Rectangle

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



17.2487, 22.1476, 23.7879



18.4684, 22.1476, 33.8898



25.3738, 22.1476, 24.4450



23.8630, 22.1476, 16.4275

Sweetspot

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



17.2493, 22.1485, 23.7884



39.1619, 43.8202, 47.8158



16.3660, 21.9349, 12.8228



8.9173, 10.0435, 10.9582



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.



17.2493, 22.1485, 23.7884



28.8440, 38.6409, 41.0226



16.1990, 18.8253, 27.2070



5.1265, 5.6701, 6.1873



10.8024, 17.6536, 15.7821



0.0771, 0.1194, 0.1332

Inverse Universe

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



16.5208, 13.5544, 13.8029



27.3479, 20.9339, 20.4731



17.2355, 15.7792, 11.5888



5.0750, 5.0654, 5.4835



9.8338, 5.0436, 1.6290



0.0700, 0.0354, 0.0354

Previews

White Background



This preview shows how the XYZ color 17.2487, 22.1476, 23.7879 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 17.2487, 22.1476, 23.7879 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 17.2487, 22.1476, 23.7879

Background



This preview shows how black text looks on a background with the XYZ color 17.2487, 22.1476, 23.7879.

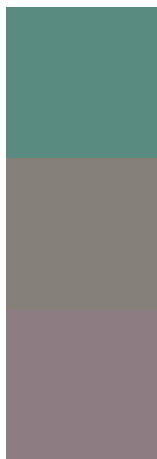


This preview shows how white text looks on a background with the XYZ color 17.2487, 22.1476,

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

17.2487, 22.1476, 23.7879

Protanopia

21.0360, 22.0922, 21.5679

Deuteranopia

22.4149, 21.9686, 24.5317



Tritanopia

18.6867, 22.0946, 30.8835

Trichromacy



Original Color

17.2487, 22.1476, 23.7879

Protanomaly

19.3617, 22.0122, 22.2971

Deuteranomaly

20.0379, 21.7145, 24.2543

Tritanomaly

18.0929, 22.0601, 28.1154

Monochromacy



Original Color

17.2487, 22.1476, 23.7879

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.1075, 20.5607, 22.4163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2487, 22.1476, 23.7879 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(89, 139, 128)` looks like.

```
.text, #text, p{  
    color:rgb(89, 139, 128)  
}
```

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(89, 139, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 139, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.2487, 22.1476, 23.7879 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(89, 139, 128) }
```


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

```
.border{ border-color:rgb(89, 139, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 139, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 139, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 139, 128);  
box-shadow:4px 4px 4px 4px rgb(89, 139,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2487, 22.1476, 23.7879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 139, 128) }
```

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

```
.background{ background-color: rgb(89, 139,  
128) }
```

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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