

Converting Colors

XYZ(17.0958, 22.2869, 24.0110)

Have a look what the booklet for
XYZ(17.0958, 22.2869, 24.0110)
contains.

XYZ(17.0868, 22.2724, 24.1673)	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(17.0868, 22.2724,
24.1673)**

Conversions

Conversions Part 1

Format	Color
Hex	558C81
RGB	85, 140, 129
RGB Percent	33%, 55%, 51%
CMY	0.6667, 0.4510, 0.4941
CMYK	0.39, 0.00, 0.08, 0.45
HSL	168°, 24%, 44%
HSV	168°, 39%, 55%
XYZ	17.0868, 22.2724, 24.1673
YIQ	122.3010, -29.2490, -15.0810

Conversions

Conversions Part 2

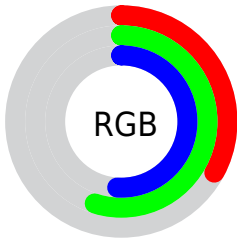
Format	Color
RYB	85, 116, 140
Decimal	5606529
CIELab	54.31, -20.89, 0.14
CIELCh	54, 20.890, 179.618
Yxy	22.2724, 0.2690, 0.3506
Android (android.graphics.Color)	4283796609 (0xFF558C81)
YUV	122.3010, 3.3026, -32.7130
Hunter-Lab	47.1936, -17.9617, 2.6739

Details

The XYZ color **17.0868, 22.2724, 24.1673** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.1757, 12.9175, 12.7079**, and the grayscale version is **18.5939, 19.5622, 21.3033**.

A 20% lighter version of the original color is **38.0518, 47.2793, 51.3763**, and **5.7638, 8.2316, 8.8745** is the 20% darker color. If you saturate the color by 10%, you get **15.7560, 21.6081, 23.1470**, and if you desaturate by 10%, it is **18.6755, 23.0702, 25.2273**.

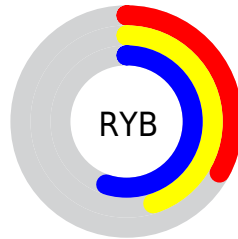
Distribution



Red (33%)

Green (55%)

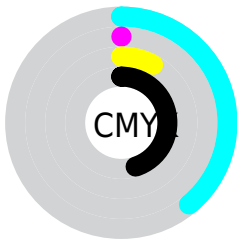
Blue (51%)



Red (33%)

Yellow (45%)

Blue (55%)

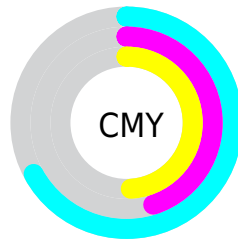


Cyan (39%)

Magenta (0%)

Yellow (8%)

Black (45%)



Cyan (67%)

Magenta (45%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0868, 22.2724, 24.1673 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 17.0868, 22.2724, 24.1673 by changing the saturation by 10% instead.

■ 17.0868, 22.2724,
24.1673

■ 17.0868, 22.2724,
24.1673

228.8186,
263.9655, 286.9790

■ 10.3921, 14.0572,
15.2444

■ 38.0174, 47.1958,
51.2503

■ 5.7239, 8.1605,
8.8426

■ 52.9839, 64.6728,
70.2475

■ 2.7170, 4.1978,
4.5432

■ 71.4385, 86.0058,
93.4400

■ 1.0059, 1.7848,
1.9278

■ 93.7464, 111.5793,
121.2461

■ 0.0000, 0.4777,
0.5104

■ 120.2730,
141.7776, 154.0846

■ 0.0000, 0.0000,
0.0000

151.3837,

176.9852, 192.3738

187.4437,
217.5863, 236.5324

■ 17.0868, 22.2724,
24.1673

■ 17.0868, 22.2724,
24.1673

■ 15.7560, 21.6081,
23.1470

■ 18.6755, 23.0702,
25.2273

■ 14.6661, 21.0669,
22.1639

■ 20.5340, 24.0058,
26.3263

■ 13.8015, 20.6412,
21.2175

■ 22.6755, 25.0868,
27.4656

■ 13.1433, 20.3214,
20.3068

■ 25.1120, 26.3193,
28.6459

■ 12.6699, 20.0963,
19.4306

■ 27.8547, 27.7090,
29.8681

■ 12.3267, 19.9377,
18.5860

■ 30.9143, 29.2615,
31.1327

■ 12.3030, 19.9267,
18.5266

■ 34.3009, 30.9819,
32.4404

■ 38.0242, 32.8753,
33.7920

■ 42.0934, 34.9463,
35.1880

Harmonies

Analogous

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



17.6132, 22.2724, 18.4469



17.0868, 22.2724, 24.1673



17.5873, 22.2724, 30.9890

Triad

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



17.0868, 22.2724, 24.1673



23.4071, 22.2724, 36.8633



23.4612, 22.2724, 14.9641

Complementary

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



17.0868, 22.2724, 24.1673



16.1757, 12.9175, 12.7079

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.



25.2072, 22.2724, 18.5679



17.0868, 22.2724, 24.1673



25.1744, 22.2724, 31.1599

Square

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



17.0868, 22.2724, 24.1673



21.1401, 22.2724, 39.0710



25.8551, 22.2724, 24.3346



21.1985, 22.2724, 13.7509

Rectangle

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



17.0868, 22.2724, 24.1673



18.4580, 22.2724, 35.1085



25.8551, 22.2724, 24.3346



24.1338, 22.2724, 15.9001

Sweetspot

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



17.0874, 22.2733, 24.1678



38.8028, 43.6347, 47.8178



15.9393, 21.9497, 11.9913



8.8428, 10.0048, 10.9668



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.



17.0874, 22.2733, 24.1678



28.0568, 38.2339, 41.0369



15.7405, 18.3454, 27.5233



5.1307, 5.6718, 6.2092



10.9384, 17.7079, 16.4981



0.0777, 0.1197, 0.1362

Inverse Universe

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



16.1757, 12.9175, 12.7079



26.2260, 19.3794, 17.9744



17.0689, 15.4586, 10.6789



5.0711, 5.0639, 5.4631



9.8022, 5.0310, 1.4627



0.0694, 0.0351, 0.0324

Previews

White Background



This preview shows how the XYZ color 17.0868, 22.2724, 24.1673 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 17.0868, 22.2724, 24.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

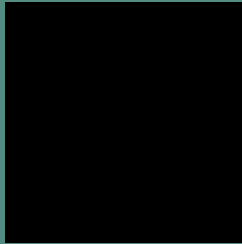
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.0868, 22.2724, 24.1673

Background



This preview shows how black text looks on a background with the XYZ color 17.0868, 22.2724, 24.1673.

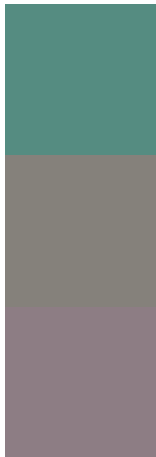


This preview shows how white text looks on a background with the XYZ color 17.0868, 22.2724,

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

17.0868, 22.2724, 24.1673

Protanopia

21.0983, 22.1171, 21.8959

Deuteranopia

22.4830, 21.9959, 24.8904



Tritanopia

18.5074, 22.2031, 31.3272

Trichromacy



Original Color

17.0868, 22.2724, 24.1673

Protanomaly

19.2917, 21.9687, 22.6256

Deuteranomaly

19.9645, 21.6689, 24.6030

Tritanomaly

17.9207, 22.1748, 28.5349

Monochromacy



Original Color

17.0868, 22.2724, 24.1673

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.8586, 20.4324, 22.4046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0868, 22.2724, 24.1673 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, 140, 129) looks like.

```
.text, #text, p{  
    color:rgb(85, 140, 129)  
}
```

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, 140, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 140, 129) }
```

Border

The CSS property to change the border of an element to XYZ 17.0868, 22.2724, 24.1673 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, 140, 129) }
```


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

```
.border{ border-color:rgb(85, 140, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 140, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 140, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 140, 129);  
box-shadow:4px 4px 4px 4px rgb(85, 140,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0868, 22.2724, 24.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 140, 129) }
```

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

```
.background{ background-color: rgb(85, 140,  
129) }
```

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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