

Converting Colors

XYZ(17.6994, 22.1428, 24.8139)

Have a look what the booklet for
XYZ(17.6994, 22.1428, 24.8139)
contains.

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Color

**XYZ(17.6994, 22.1428,
24.8139)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8A83
RGB	93, 138, 131
RGB Percent	36%, 54%, 51%
CMY	0.6353, 0.4588, 0.4863
CMYK	0.33, 0.00, 0.05, 0.46
HSL	171°, 19%, 45%
HSV	171°, 33%, 54%
XYZ	17.6994, 22.1428, 24.8139
YIQ	123.7470, -24.5730, -11.7170

Conversions

Conversions Part 2

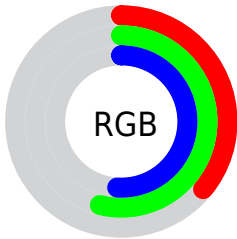
Format	Color
R_{YB}	93, 117, 138
Decimal	6130307
CIE _{Lab}	54.18, -16.97, -1.17
CIE _{LCh}	54, 17.008, 183.933
Yxy	22.1428, 0.2737, 0.3425
Android (android.graphics.Color)	4284320387 (0xFF5D8A83)
YUV	123.7470, 3.5757, -26.9651
Hunter-Lab	47.0561, -15.2084, 1.6742

Details

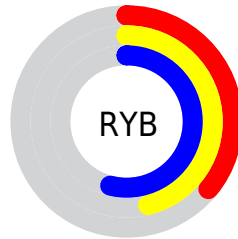
The XYZ color **17.6994, 22.1428, 24.8139** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.6966, 14.1526, 13.9091**, and the grayscale version is **19.0688, 20.0619, 21.8474**.

A 20% lighter version of the original color is **39.1784, 47.1797, 52.3891**, and **6.0514, 8.1241, 9.2318** is the 20% darker color. If you saturate the color by 10%, you get **16.2828, 21.4297, 23.9962**, and if you desaturate by 10%, it is **19.3724, 22.9888, 25.6603**.

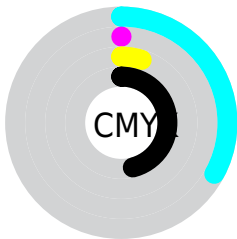
Distribution



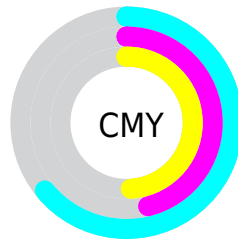
- Red (36%)
- Green (54%)
- Blue (51%)



- Red (36%)
- Yellow (46%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (5%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6994, 22.1428, 24.8139 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 17.6994, 22.1428, 24.8139 by changing the saturation by 10% instead.

■ 17.6994, 22.1428,
24.8139

■ 17.6994, 22.1428,
24.8139

232.2497,
263.2911, 290.3278

■ 10.8328, 13.9619,
15.7207

■ 39.0586, 46.9819,
52.3155

■ 6.0210, 8.0941,
9.1745

■ 54.2818, 64.4089,
71.5610

■ 2.8986, 4.1553,
4.7568

■ 73.0213, 85.6866,
95.0277

■ 1.1004, 1.7608,
2.0491

■ 95.6423, 111.1995,
123.1341

■ 0.0254, 0.4626,
0.5852

122.5104,
141.3321, 156.2988

■ 0.0000, 0.0000,
0.0000

153.9907,

176.4686, 194.9403

190.4487,
216.9935, 239.4771

■ 17.6994, 22.1428,
24.8139

■ 17.6994, 22.1428,
24.8139

■ 16.2828, 21.4297,
23.9962

■ 19.3724, 22.9888,
25.6603

■ 15.1072, 20.8400,
23.2049

■ 21.3124, 23.9716,
26.5346

■ 14.1582, 20.3667,
22.4399

■ 23.5318, 25.0981,
27.4378

■ 13.4193, 20.0014,
21.7001

■ 26.0417, 26.3739,
28.3707

■ 12.8719, 19.7344,
20.9846

■ 28.8525, 27.8045,
29.3338

■ 12.4936, 19.5544,
20.2923

■ 31.9741, 29.3950,
30.3277

■ 12.2723, 19.4511,
19.7931

■ 35.4159, 31.1502,
31.3528

■ 39.1870, 33.0748,
32.4097

■ 43.2961, 35.1732,
33.4989

Harmonies

Analogous

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



18.0155, 22.1428, 19.9125



17.6994, 22.1428, 24.8139



18.2360, 22.1428, 30.2422

Triad

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



17.6994, 22.1428, 24.8139



23.0906, 22.1428, 33.5671



22.6448, 22.1428, 16.0816

Complementary

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



17.6994, 22.1428, 24.8139



16.6966, 14.1526, 13.9091

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.



24.1310, 22.1428, 18.8680



17.6994, 22.1428, 24.8139



24.3987, 22.1428, 28.8588

Square

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



17.6994, 22.1428, 24.8139



21.2905, 22.1428, 35.7415



24.7901, 22.1428, 23.4190



20.8035, 22.1428, 15.3227

Rectangle

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



17.6994, 22.1428, 24.8139



19.0245, 22.1428, 33.2971



24.7901, 22.1428, 23.4190



23.2060, 22.1428, 16.7899

Sweetspot

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



17.7000, 22.1437, 24.8144



38.4566, 42.7045, 47.1465



16.3759, 21.7061, 13.6829



8.5238, 9.5267, 10.5320



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.7000, 22.1437, 24.8144



29.3497, 38.0989, 42.6912



16.1852, 18.3288, 26.7305



5.1400, 5.6755, 6.2581



11.2558, 17.8349, 18.1695



0.0789, 0.1201, 0.1427

Inverse Universe

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



16.6966, 14.1526, 13.9091



27.3044, 21.7862, 20.4452



17.8203, 16.9194, 12.6828



5.0626, 5.0605, 5.4179



9.7418, 5.0068, 1.1446



0.0682, 0.0346, 0.0259

Previews

White Background



This preview shows how the XYZ color 17.6994, 22.1428, 24.8139 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 17.6994, 22.1428, 24.8139 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 17.6994, 22.1428, 24.8139

Background



This preview shows how black text looks on a background with the XYZ color 17.6994, 22.1428, 24.8139.



This preview shows how white text looks on a background with the XYZ color 17.6994, 22.1428,

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

17.6994, 22.1428, 24.8139

Protanopia

21.0008, 21.8502, 22.8493

Deuteranopia

22.2842, 21.8774, 25.6025



Tritanopia

19.0004, 22.2563, 30.8982

Trichromacy



Original Color

17.6994, 22.1428, 24.8139

Protanomaly

19.6188, 21.9126, 23.6176

Deuteranomaly

20.2423, 21.7963, 25.3305

Tritanomaly

18.5772, 22.3012, 28.5247

Monochromacy



Original Color

17.6994, 22.1428, 24.8139

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.4911, 20.7435, 23.1080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6994, 22.1428, 24.8139 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(93, 138, 131)` looks like.

```
.text, #text, p{  
    color:rgb(93, 138, 131)  
}
```

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(93, 138, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 138, 131) }
```

Border

The CSS property to change the border of an element to XYZ 17.6994, 22.1428, 24.8139 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(93, 138, 131) }
```


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

```
.border{ border-color:rgb(93, 138, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 138, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 138, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 138, 131);  
box-shadow:4px 4px 4px 4px rgb(93, 138,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6994, 22.1428, 24.8139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 138, 131) }
```

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

```
.background{ background-color: rgb(93, 138,  
131) }
```

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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