

Converting Colors

XYZ(22.3435, 26.6980, 28.5228)

Have a look what the booklet for
XYZ(22.3435, 26.6980, 28.5228)
contains.

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Color

**XYZ(22.3203, 26.6887,
28.4011)**

Conversions

Conversions Part 1

Format	Color
Hex	73948B
RGB	115, 148, 139
RGB Percent	45%, 58%, 55%
CMY	0.5490, 0.4196, 0.4549
CMYK	0.22, 0.00, 0.06, 0.42
HSL	164°, 13%, 52%
HSV	164°, 22%, 58%
XYZ	22.3203, 26.6887, 28.4011
YIQ	137.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

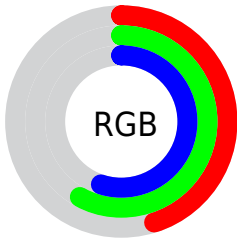
Format	Color
R_{YB}	115, 134, 148
Decimal	7574667
CIE _{Lab}	58.69, -13.44, 0.98
CIE _{LCh}	59, 13.476, 175.830
Yxy	26.6887, 0.2883, 0.3448
Android (android.graphics.Color)	4285764747 (0xFF73948B)
YUV	137.1070, 0.9332, -19.3878
Hunter-Lab	51.6611, -13.2856, 3.5676

Details

The XYZ color **22.3203, 26.6887, 28.4011** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.9825, 20.0133, 21.7742**, and the grayscale version is **23.8200, 25.0605, 27.2909**.

A 20% lighter version of the original color is **46.7834, 54.3717, 57.8982**, and **8.3246, 10.4289, 11.0254** is the 20% darker color. If you saturate the color by 10%, you get **20.2388, 25.6498, 26.7926**, and if you desaturate by 10%, it is **24.7267, 27.8952, 30.0828**.

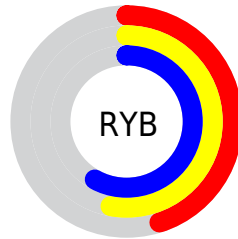
Distribution



Red (45%)

Green (58%)

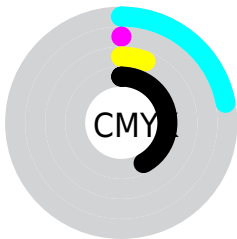
Blue (55%)



Red (45%)

Yellow (53%)

Blue (58%)

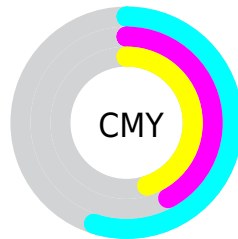


Cyan (22%)

Magenta (0%)

Yellow (6%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3203, 26.6887, 28.4011 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 22.3203, 26.6887, 28.4011 by changing the saturation by 10% instead.

■ 22.3203, 26.6887,
28.4011

■ 22.3203, 26.6887,
28.4011

256.8155,
286.1467, 308.3506

■ 14.2104, 17.3396,
18.3866

■ 46.7497, 54.3839,
58.1550

■ 8.3498, 10.4769,
11.0556

■ 63.7999, 73.4988,
78.7314

■ 4.3733, 5.7163,
5.9896

■ 84.5610, 96.6377,
103.6655

■ 1.9154, 2.6733,
2.7701

109.3981,
124.1851, 133.3759

■ 0.5858, 0.9637,
0.9785

138.6768,
156.5253, 168.2810

■ 0.0000, 0.0000,
0.0000

172.7623,

194.0426, 208.7995

212.0201,
237.1217, 255.3499

■ 22.3203, 26.6887,
28.4011

■ 22.3203, 26.6887,
28.4011

■ 20.2388, 25.6498,
26.7926

■ 24.7267, 27.8952,
30.0828

■ 18.4649, 24.7676,
25.2541

■ 27.4698, 29.2734,
31.8373

■ 16.9833, 24.0347,
23.7850

■ 30.5634, 30.8309,
33.6661

■ 15.7760, 23.4421,
22.3838

■ 34.0201, 32.5743,
35.5707

■ 14.8235, 22.9797,
21.0489

■ 37.8516, 34.5096,
37.5519

■ 14.1033, 22.6357,
19.7787

■ 42.0692, 36.6427,
39.6110

■ 13.5887, 22.3967,
18.5711

■ 46.6838, 38.9791,
41.7490

■ 13.2776, 22.2557,
17.6808

■ 51.7057, 41.5241,
43.9670

■ 57.1450, 44.2829,
46.2658

Harmonies

Analogous

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



22.8212, 26.6887, 24.2304



22.3203, 26.6887, 28.4011



22.6060, 26.6887, 33.2188

Triad

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



22.3203, 26.6887, 28.4011



26.7803, 26.6887, 38.0695



27.1985, 26.6887, 22.1454

Complementary

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



22.3203, 26.6887, 28.4011



21.9825, 20.0133, 21.7742

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.



28.3437, 26.6887, 25.2627



22.3203, 26.6887, 28.4011



28.0950, 26.6887, 34.4909

Square

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



22.3203, 26.6887, 28.4011



25.1359, 26.6887, 39.1419



28.6786, 26.6887, 29.7279



25.5992, 26.6887, 20.8766

Rectangle

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



22.3203, 26.6887, 28.4011



23.2111, 26.6887, 36.1073



28.6786, 26.6887, 29.7279



27.6520, 26.6887, 22.9941

Sweetspot

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



22.3211, 26.6898, 28.4017



46.0478, 50.4330, 54.6578



22.0481, 26.7299, 20.2174



10.4553, 11.4844, 12.4411



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.3211, 26.6898, 28.4017



37.3876, 46.0935, 48.6075



21.9191, 24.7895, 31.6478



5.8973, 6.5355, 7.0701



11.3525, 19.0138, 15.1636



0.1514, 0.2377, 0.2509

Inverse Universe

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



21.9825, 20.0133, 21.7742



36.6779, 32.0750, 34.6980



22.2860, 21.4904, 19.1935



5.8619, 5.8398, 6.3791



10.7745, 5.5148, 2.2934



0.1429, 0.0719, 0.0862

Previews

White Background



This preview shows how the XYZ color 22.3203, 26.6887, 28.4011 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 22.3203, 26.6887, 28.4011 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 22.3203, 26.6887, 28.4011

Background



This preview shows how black text looks on a background with the XYZ color 22.3203, 26.6887, 28.4011.



This preview shows how white text looks on a background with the XYZ color 22.3203, 26.6887,

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

22.3203, 26.6887, 28.4011

Protanopia

25.4283, 26.5252, 26.7013

Deuteranopia

26.9383, 26.4014, 28.8755



Tritanopia

23.8190, 26.6071, 35.7786

Trichromacy



Original Color

22.3203, 26.6887, 28.4011

Protanomaly

24.0979, 26.4908, 27.1357

Deuteranomaly

24.9269, 26.2251, 28.5591

Tritanomaly

23.2551, 26.6113, 32.7650

Monochromacy



Original Color

22.3203, 26.6887, 28.4011

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.1656, 25.5519, 27.7558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3203, 26.6887, 28.4011 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(115, 148, 139)` looks like.

```
.text, #text, p{  
    color:rgb(115, 148, 139)  
}
```

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(115, 148, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 148, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.3203, 26.6887, 28.4011 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(115, 148, 139) }
```


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

```
.border{ border-color:rgb(115, 148, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 148, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 148, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 148, 139); box-shadow:4px 4px 4px 4px rgb(115, 148, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3203, 26.6887, 28.4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 148, 139) }
```

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

```
.background{ background-color: rgb(115,  
148, 139) }
```

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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