

Converting Colors

XYZ(22.5697, 28.7870, 30.5133)

Have a look what the booklet for
XYZ(22.5697, 28.7870, 30.5133)
contains.

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Color

**XYZ(22.4399, 28.6437,
30.3327)**

Conversions

Conversions Part 1

Format	Color
Hex	679C8F
RGB	103, 156, 143
RGB Percent	40%, 61%, 56%
CMY	0.5961, 0.3882, 0.4392
CMYK	0.34, 0.00, 0.08, 0.39
HSL	165°, 21%, 51%
HSV	165°, 34%, 61%
XYZ	22.4399, 28.6437, 30.3327
YIQ	138.6710, -27.4150, -15.2790

Conversions

Conversions Part 2

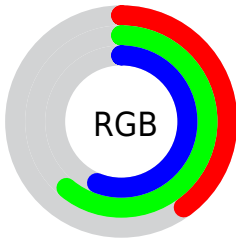
Format	Color
RYB	103, 133, 156
Decimal	6790287
CIELab	60.47, -20.57, 1.22
CIELCh	60, 20.602, 176.615
Yxy	28.6437, 0.2756, 0.3518
Android (android.graphics.Color)	4284980367 (0xFF679C8F)
YUV	138.6710, 2.1342, -31.2835
Hunter-Lab	53.5198, -18.8178, 3.8609

Details

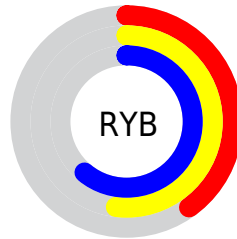
The XYZ color **22.4399, 28.6437, 30.3327** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.7139, 18.0301, 18.8598**, and the grayscale version is **24.4144, 25.6859, 27.9719**.

A 20% lighter version of the original color is **47.0826, 57.6877, 61.4766**, and **8.4956, 11.6503, 12.1569** is the 20% darker color. If you saturate the color by 10%, you get **20.5300, 27.6928, 28.7561**, and if you desaturate by 10%, it is **24.6952, 29.7730, 31.9783**.

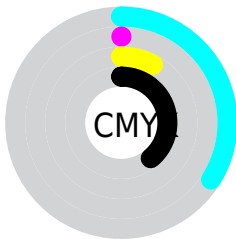
Distribution



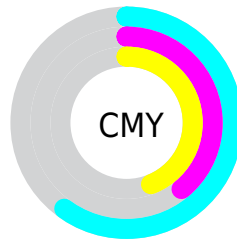
- Red (40%)
- Green (61%)
- Blue (56%)



- Red (40%)
- Yellow (52%)
- Blue (61%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (60%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4399, 28.6437, 30.3327 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 22.4399, 28.6437, 30.3327 by changing the saturation by 10% instead.

■ 22.4399, 28.6437,
30.3327

■ 22.4399, 28.6437,
30.3327

257.4244,
295.5301, 317.7076

■ 14.2989, 18.8115,
19.8371

■ 46.9454, 57.5105,
61.2551

■ 8.4119, 11.5341,
12.0938

■ 64.0407, 77.3139,
82.5190

■ 4.4137, 6.4273,
6.6842

■ 84.8514, 101.2097,
108.2094

■ 1.9387, 3.1066,
3.1900

■ 109.7430,
129.5824, 138.7448

■ 0.5992, 1.1876,
1.1924

139.0807,
162.8164, 174.5438

■ 0.0000, 0.0516,
0.0000

173.2299,

■ 0.0000, 0.0000,

201.2961, 216.0249

0.0000

212.5560,
245.4059, 263.6067

■ 22.4399, 28.6437,
30.3327

■ 22.4399, 28.6437,
30.3327

■ 20.5300, 27.6928,
28.7561

■ 24.6952, 29.7730,
31.9783

■ 18.9443, 26.9071,
27.2452

■ 27.3107, 31.0861,
33.6923

■ 17.6632, 26.2774,
25.7992

■ 30.3033, 32.5925,
35.4766

■ 16.6637, 25.7917,
24.4165

■ 33.6882, 34.2999,
37.3324

■ 15.9196, 25.4365,
23.0953

■ 37.4795, 36.2156,
39.2607

■ 15.3992, 25.1957,
21.8335

■ 41.6908, 38.3467,
41.2629

■ 15.1432, 25.0797,
21.0994

■ 46.3350, 40.6997,
43.3398

■ 51.4244, 43.2810,
45.4925

■ 56.9710, 46.0968,
47.7221

Harmonies

Analogous

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



23.1807, 28.6437, 23.8145



22.4399, 28.6437, 30.3327



22.9109, 28.6437, 38.2077

Triad

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



22.4399, 28.6437, 30.3327



29.5768, 28.6437, 46.1717



30.1320, 28.6437, 20.5031

Complementary

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



22.4399, 28.6437, 30.3327



21.7139, 18.0301, 18.8598

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.



32.0492, 28.6437, 25.0857



22.4399, 28.6437, 30.3327



31.7143, 28.6437, 39.9455

Square

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



22.4399, 28.6437, 30.3327



26.9246, 28.6437, 48.1794



32.6461, 28.6437, 32.0595



27.5276, 28.6437, 18.7507

Rectangle

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



22.4399, 28.6437, 30.3327



23.8665, 28.6437, 43.0668



32.6461, 28.6437, 32.0595



30.8846, 28.6437, 21.7231

Sweetspot

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



22.4407, 28.6449, 30.3334



51.5726, 57.4501, 62.4010



21.5733, 28.4876, 17.1940



11.1965, 12.5652, 13.6389



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.4407, 28.6449, 30.3334



37.9861, 50.6436, 52.8364



21.3801, 24.8548, 35.1245



6.7522, 7.4817, 8.1299



12.4870, 20.6627, 17.4533



0.2387, 0.3756, 0.3934

Inverse Universe

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



21.7139, 18.0301, 18.8598



36.4603, 28.2765, 28.6879



22.4336, 20.5965, 15.6255



6.6965, 6.6715, 7.2528



11.5969, 5.9433, 2.1284



0.2225, 0.1123, 0.1177

Previews

White Background



This preview shows how the XYZ color 22.4399, 28.6437, 30.3327 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 22.4399, 28.6437, 30.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

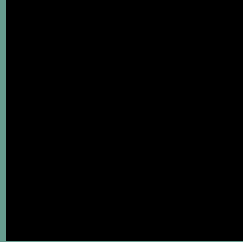
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4399, 28.6437, 30.3327

Background



This preview shows how black text looks on a background with the XYZ color 22.4399, 28.6437, 30.3327.

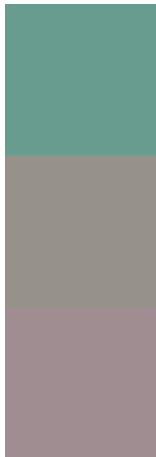


This preview shows how white text looks on a background with the XYZ color 22.4399, 28.6437,

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

22.4399, 28.6437, 30.3327

Protanopia

27.2184, 28.5410, 27.7413

Deuteranopia

29.0113, 28.4960, 31.1653



Tritanopia

24.3671, 28.6872, 39.8502

Trichromacy



Original Color

22.4399, 28.6437, 30.3327

Protanomaly

25.0805, 28.3455, 28.5754

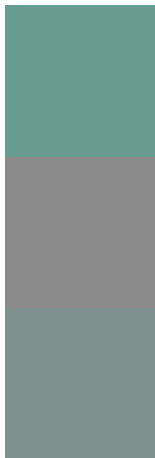
Deuteranomaly

26.0372, 28.0911, 30.8379

Tritanomaly

23.5853, 28.6097, 36.1774

Monochromacy



Original Color

22.4399, 28.6437, 30.3327

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.4632, 26.5799, 28.7047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4399, 28.6437, 30.3327 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(103, 156, 143)` looks like.

```
.text, #text, p{  
    color:rgb(103, 156, 143)  
}
```

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(103, 156, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 156, 143) }
```

Border

The CSS property to change the border of an element to XYZ 22.4399, 28.6437, 30.3327 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(103, 156, 143) }
```


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

```
.border{ border-color:rgb(103, 156, 143) }
```

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

Here you see how a box with a 4 pixel rgb(103, 156, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 156, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 156, 143);  
box-shadow:4px 4px 4px 4px rgb(103, 156,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4399, 28.6437, 30.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 156, 143) }
```

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

```
.background{ background-color: rgb(103,  
156, 143) }
```

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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