

Converting Colors

XYZ(22.4634, 28.6983, 28.2550)

Have a look what the booklet for
XYZ(22.4634, 28.6983, 28.2550)
contains.

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Color

**XYZ(22.5393, 28.7377,
28.4037)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9C8A
RGB	107, 156, 138
RGB Percent	42%, 61%, 54%
CMY	0.5804, 0.3882, 0.4588
CMYK	0.31, 0.00, 0.12, 0.39
HSL	158°, 20%, 52%
HSV	158°, 31%, 61%
XYZ	22.5393, 28.7377, 28.4037
YIQ	139.2970, -23.4260, -15.9860

Conversions

Conversions Part 2

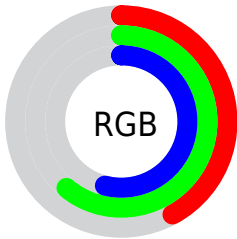
Format	Color
RYB	107, 137, 156
Decimal	7052426
CIELab	60.55, -20.47, 4.19
CIELCh	61, 20.896, 168.431
Yxy	28.7377, 0.2829, 0.3607
Android (android.graphics.Color)	4285242506 (0xFF6B9C8A)
YUV	139.2970, -0.6394, -28.3245
Hunter-Lab	53.6076, -18.7629, 6.1108

Details

The XYZ color **22.5393, 28.7377, 28.4037** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.6707, 19.0647, 21.8882**, and the grayscale version is **24.6646, 25.9490, 28.2585**.

A 20% lighter version of the original color is **47.1954, 57.8237, 57.9638**, and **8.5004, 11.6776, 11.0385** is the 20% darker color. If you saturate the color by 10%, you get **20.4264, 27.6959, 26.1960**, and if you desaturate by 10%, it is **25.0141, 29.9651, 30.7439**.

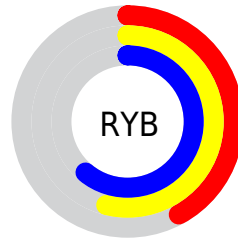
Distribution



Red (42%)

Green (61%)

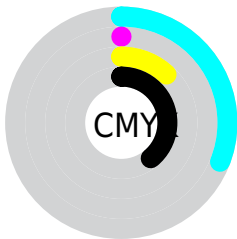
Blue (54%)



Red (42%)

Yellow (54%)

Blue (61%)

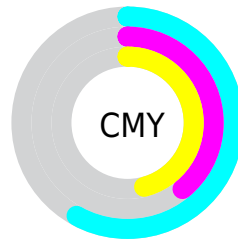


Cyan (31%)

Magenta (0%)

Yellow (12%)

Black (39%)



Cyan (58%)

Magenta (39%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5393, 28.7377, 28.4037 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 22.5393, 28.7377, 28.4037 by changing the saturation by 10% instead.

■ 22.5393, 28.7377,
28.4037

■ 22.5393, 28.7377,
28.4037

257.9296,
295.9753, 308.3634

■ 14.3725, 18.8825,
18.3885

■ 47.1080, 57.6601,
58.1592

■ 8.4636, 11.5854,
11.0570

■ 64.2406, 77.4960,
78.7365

■ 4.4473, 6.4620,
5.9905

■ 85.0926, 101.4277,
103.6717

■ 1.9582, 3.1280,
2.7706

■ 110.0292,
129.8395, 133.3832

■ 0.6103, 1.1989,
0.9787

139.4158,
163.1157, 168.2895

■ 0.0000, 0.0608,
0.0000

173.6179,

■ 0.0000, 0.0000,

201.6408, 208.8093

0.0000

213.0007,
245.7992, 255.3611

■ 22.5393, 28.7377,
28.4037

■ 22.5393, 28.7377,
28.4037

■ 20.4264, 27.6959,
26.1960

■ 25.0141, 29.9651,
30.7439

■ 18.6544, 26.8266,
24.1163

■ 27.8656, 31.3833,
33.2171

■ 17.2040, 26.1206,
22.1624

■ 31.1106, 33.0017,
35.8264

■ 16.0526, 25.5664,
20.3315

■ 34.7642, 34.8282,
38.5742

■ 15.1746, 25.1508,
18.6204

■ 38.8407, 36.8700,
41.4627

■ 14.5400, 24.8583,
17.0259

■ 43.3536, 39.1341,
44.4941

■ 14.1264, 24.6729,
15.7450

■ 48.3160, 41.6271,
47.6706

■ 53.7402, 44.3554,
50.9943

■ 59.6381, 47.3252,
54.4672

Harmonies

Analogous

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



23.6129, 28.7377, 22.4290



22.5393, 28.7377, 28.4037



22.6810, 28.7377, 36.2285

Triad

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



22.5393, 28.7377, 28.4037



28.9881, 28.7377, 47.6137



30.9042, 28.7377, 21.4364

Complementary

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



22.5393, 28.7377, 28.4037



22.6707, 19.0647, 21.8882

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.



32.5392, 28.7377, 26.8229



22.5393, 28.7377, 28.4037



31.3836, 28.7377, 42.2237

Square

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



22.5393, 28.7377, 28.4037



26.2868, 28.7377, 48.2255



32.7202, 28.7377, 34.3665



28.3683, 28.7377, 18.8721

Rectangle

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



22.5393, 28.7377, 28.4037



23.4476, 28.7377, 41.4672



32.7202, 28.7377, 34.3665



31.5844, 28.7377, 22.9319

Sweetspot

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



22.5401, 28.7389, 28.4044



51.8625, 57.6227, 61.3655



23.1155, 29.2589, 18.3396



11.2429, 12.5953, 13.3637



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.



22.5401, 28.7389, 28.4044



38.0572, 50.7736, 48.6207



23.0167, 27.4305, 35.5354



6.7184, 7.4681, 7.9515



11.6524, 20.3289, 13.0584



0.2281, 0.3714, 0.3376

Inverse Universe

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



22.6707, 19.0647, 21.8882



38.3372, 30.2473, 34.8100



22.2386, 19.8773, 16.5749



6.7288, 6.6844, 7.4228



11.9234, 6.0739, 3.8475



0.2327, 0.1164, 0.1716

Previews

White Background



This preview shows how the XYZ color 22.5393, 28.7377, 28.4037 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 22.5393, 28.7377, 28.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

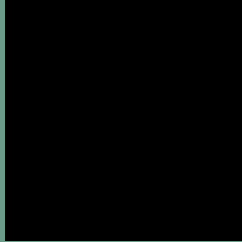
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5393, 28.7377, 28.4037

Background



This preview shows how black text looks on a background with the XYZ color 22.5393, 28.7377, 28.4037.

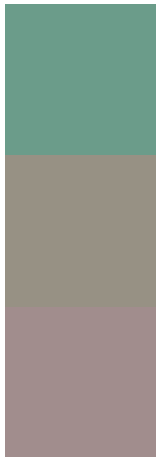


This preview shows how white text looks on a background with the XYZ color 22.5393, 28.7377,

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

22.5393, 28.7377, 28.4037

Protanopia

27.0528, 28.4961, 25.9042

Deuteranopia

29.0305, 28.5499, 29.1799



Tritanopia

24.7391, 28.6475, 39.3476

Trichromacy



Original Color

22.5393, 28.7377, 28.4037

Protanomaly

25.0422, 28.3670, 26.7098

Deuteranomaly

25.9970, 28.1139, 28.8673

Tritanomaly

23.8632, 28.5285, 35.2592

Monochromacy



Original Color

22.5393, 28.7377, 28.4037

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.5380, 26.6269, 28.3250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5393, 28.7377, 28.4037 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(107, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(107, 156, 138)  
}
```

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(107, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 156, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.5393, 28.7377, 28.4037 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(107, 156, 138) }
```


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

```
.border{ border-color:rgb(107, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(107, 156,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5393, 28.7377, 28.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 156, 138) }
```

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

```
.background{ background-color: rgb(107,  
156, 138) }
```

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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