

Converting Colors

XYZ(22.5904, 28.1222, 23.9121)

Have a look what the booklet for
XYZ(22.5904, 28.1222, 23.9121)
contains.

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Color

**XYZ(22.6283, 28.1404,
23.9777)**

Conversions

Conversions Part 1

Format	Color
Hex	76997E
RGB	118, 153, 126
RGB Percent	46%, 60%, 49%
CMY	0.5373, 0.4000, 0.5059
CMYK	0.23, 0.00, 0.18, 0.40
HSL	134°, 15%, 53%
HSV	134°, 23%, 60%
XYZ	22.6283, 28.1404, 23.9777
YIQ	139.4570, -12.1930, -15.8170

Conversions

Conversions Part 2

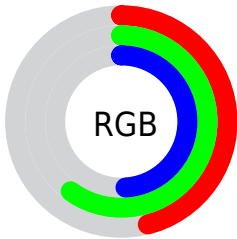
Format	Color
RYB	118, 146, 153
Decimal	7772542
CIELab	60.02, -17.76, 10.29
CIELCh	60, 20.525, 149.927
Yxy	28.1404, 0.3027, 0.3765
Android (android.graphics.Color)	4285962622 (0xFF76997E)
YUV	139.4570, -6.6343, -18.8178
Hunter-Lab	53.0475, -16.6910, 10.3339

Details

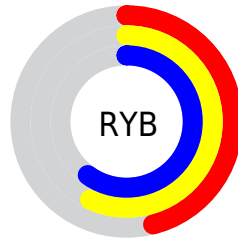
The XYZ color **22.6283, 28.1404, 23.9777** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.7270, 21.7740, 29.6886**, and the grayscale version is **24.7457, 26.0344, 28.3514**.

A 20% lighter version of the original color is **47.2441, 56.5382, 51.0708**, and **8.5452, 11.3038, 8.7526** is the 20% darker color. If you saturate the color by 10%, you get **19.9995, 26.8689, 20.1110**, and if you desaturate by 10%, it is **25.6855, 29.6240, 28.3348**.

Distribution



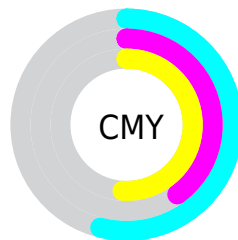
- Red (46%)
- Green (60%)
- Blue (49%)



- Red (46%)
- Yellow (57%)
- Blue (60%)



- Cyan (23%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (54%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6283, 28.1404, 23.9777 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 22.6283, 28.1404, 23.9777 by changing the saturation by 10% instead.

■ 22.6283, 28.1404,
23.9777

■ 22.6283, 28.1404,
23.9777

258.3812,
293.1372, 285.9906

■ 14.4385, 18.4315,
15.1050

■ 47.2534, 56.7085,
50.9372

■ 8.5100, 11.2602,
8.7457

■ 64.4194, 76.3365,
69.8611

■ 4.4775, 6.2422,
4.4811

■ 85.3082, 100.0398,
92.9725

■ 1.9757, 2.9929,
1.8928

110.2852,
128.2025, 120.6899

■ 0.6202, 1.1280,
0.4882

139.7156,
161.2093, 153.4319

■ 0.0000, 0.0017,
0.0000

173.9648,

■ 0.0000, 0.0000,

199.4444, 191.6170

0.0000

213.3982,
243.2922, 235.6637

■ 22.6283, 28.1404,
23.9777

■ 22.6283, 28.1404,
23.9777

■ 19.9995, 26.8689,
20.1110

■ 25.6855, 29.6240,
28.3348

■ 17.7776, 25.7963,
16.7156

■ 29.1870, 31.3251,
33.1967

■ 15.9425, 24.9135,
13.7741

■ 33.1506, 33.2534,
38.5796

■ 14.4713, 24.2090,
11.2671

■ 37.5924, 35.4168,
44.4983

■ 13.3390, 23.6704,
9.1739

■ 42.5277, 37.8230,
50.9672

■ 12.5169, 23.2834,
7.4720

■ 47.9713, 40.4792,
57.9998

■ 11.9715, 23.0313,
6.1368

■ 53.9371, 43.3925,
65.6096

■ 11.6948, 22.9048,
5.3927

■ 60.4387, 46.5694,
73.8093

■ 67.2298, 49.8828,
82.5992

Harmonies

Analogous

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



24.3165, 28.1404, 19.7808



22.6283, 28.1404, 23.9777



22.0284, 28.1404, 30.6217

Triad

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



22.6283, 28.1404, 23.9777



26.7402, 28.1404, 47.4078



31.3437, 28.1404, 24.0048

Complementary

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



22.6283, 28.1404, 23.9777



24.7270, 21.7740, 29.6886

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.



32.0946, 28.1404, 30.6586



22.6283, 28.1404, 23.9777



29.3335, 28.1404, 44.8862

Square

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



22.6283, 28.1404, 23.9777



24.3060, 28.1404, 44.8624



31.3365, 28.1404, 38.4348



29.3453, 28.1404, 19.7945

Rectangle

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



22.6283, 28.1404, 23.9777



22.2939, 28.1404, 35.8129



31.3365, 28.1404, 38.4348



31.7559, 28.1404, 25.9911

Sweetspot

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



22.6291, 28.1416, 23.9783



49.4968, 54.7500, 55.6262



26.4130, 30.1495, 21.5670



10.8575, 12.0544, 12.1831



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.6291, 28.1416, 23.9783



38.2384, 49.2890, 39.6085



23.8275, 28.6210, 30.2893



6.1871, 6.9476, 6.9088



9.6762, 18.9339, 4.5153



0.1567, 0.2879, 0.1310

Inverse Universe

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



24.7270, 21.7740, 29.6886



42.6117, 36.0113, 51.5083



23.5069, 21.2860, 23.2634



6.4008, 6.2995, 7.4906



13.5744, 6.6840, 14.8156



0.2162, 0.1052, 0.2914

Previews

White Background



This preview shows how the XYZ color 22.6283, 28.1404, 23.9777 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 22.6283, 28.1404, 23.9777 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 22.6283, 28.1404, 23.9777

Background



This preview shows how black text looks on a background with the XYZ color 22.6283, 28.1404, 23.9777.



This preview shows how white text looks on a background with the XYZ color 22.6283, 28.1404,

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

22.6283, 28.1404, 23.9777

Protanopia

26.3733, 28.0024, 22.1041

Deuteranopia

28.5049, 27.9427, 24.6600



Tritanopia

25.2472, 28.0030, 37.3321

Trichromacy



Original Color

22.6283, 28.1404, 23.9777

Protanomaly

24.8241, 27.8729, 22.8105

Deuteranomaly

25.9022, 27.7081, 24.4051

Tritanomaly

24.2777, 28.0884, 32.1590

Monochromacy



Original Color

22.6283, 28.1404, 23.9777

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.6364, 26.4930, 26.4222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6283, 28.1404, 23.9777 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(118, 153, 126)` looks like.

```
.text, #text, p{  
    color:rgb(118, 153, 126)  
}
```

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(118, 153, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 153, 126) }
```

Border

The CSS property to change the border of an element to XYZ 22.6283, 28.1404, 23.9777 is called "border". The border property can be set on classes, ids or directly on the HTML element.

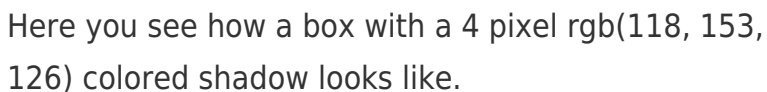
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 153, 126) }
```


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

```
.border{ border-color:rgb(118, 153, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 153, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 153, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 153, 126); box-shadow:4px 4px 4px 4px rgb(118, 153, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6283, 28.1404, 23.9777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 153, 126) }
```

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

```
.background{ background-color: rgb(118,  
153, 126) }
```

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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