

Converting Colors

XYZ(23.0618, 28.6519, 25.8485)

Have a look what the booklet for
XYZ(23.0618, 28.6519, 25.8485)
contains.

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Color

**XYZ(22.9885, 28.5318,
25.7683)**

Conversions

Conversions Part 1

Format	Color
Hex	759A83
RGB	117, 154, 131
RGB Percent	46%, 60%, 51%
CMY	0.5412, 0.3961, 0.4863
CMYK	0.24, 0.00, 0.15, 0.40
HSL	143°, 15%, 53%
HSV	143°, 24%, 60%
XYZ	22.9885, 28.5318, 25.7683
YIQ	140.3150, -14.6690, -14.9970

Conversions

Conversions Part 2

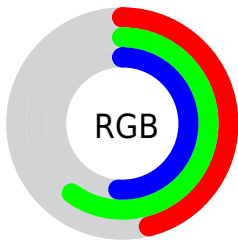
Format	Color
R_{YB}	117, 144, 154
Decimal	7707267
CIE _{Lab}	60.37, -17.64, 7.96
CIE _{LCh}	60, 19.350, 155.723
Yxy	28.5318, 0.2974, 0.3692
Android (android.graphics.Color)	4285897347 (0xFF759A83)
YUV	140.3150, -4.5923, -20.4473
Hunter-Lab	53.4152, -16.6548, 8.7882

Details

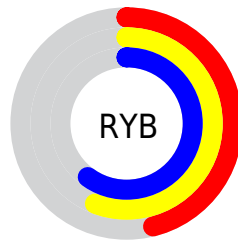
The XYZ color **22.9885, 28.5318, 25.7683** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.4224, 21.4868, 27.6725**, and the grayscale version is **25.0718, 26.3775, 28.7251**.

A 20% lighter version of the original color is **48.0298, 57.6077, 53.9354**, and **8.7571, 11.5386, 9.7483** is the 20% darker color. If you saturate the color by 10%, you get **20.4680, 27.3048, 22.4186**, and if you desaturate by 10%, it is **25.9110, 29.9607, 29.4511**.

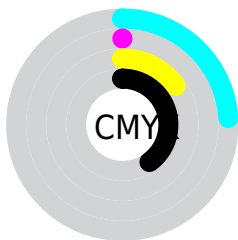
Distribution



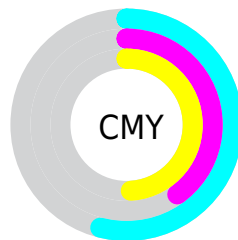
- Red (46%)
- Green (60%)
- Blue (51%)



- Red (46%)
- Yellow (56%)
- Blue (60%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)



- Cyan (54%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9885, 28.5318, 25.7683 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 22.9885, 28.5318, 25.7683 by changing the saturation by 10% instead.

■ 22.9885, 28.5318,
25.7683

■ 22.9885, 28.5318,
25.7683

260.2024,
294.9994, 295.2120

■ 14.7057, 18.7269,
16.4262

■ 47.8412, 57.3324,
53.8804

■ 8.6980, 11.4731,
9.6686

■ 65.1419, 77.0969,
73.4875

■ 4.6003, 6.3860,
5.0771

■ 86.1791, 100.9500,
97.3533

■ 2.0470, 3.0812,
2.2330

111.3183,
129.2762, 125.8963

■ 0.6602, 1.1743,
0.6933

140.9249,
162.4598, 159.5352

■ 0.0000, 0.0405,
0.0000

175.3642,

■ 0.0000, 0.0000,

200.8853, 198.6884

0.0000

215.0016,
244.9370, 243.7745

■ 22.9885, 28.5318,
25.7683

■ 22.9885, 28.5318,
25.7683

■ 20.4680, 27.3048,
22.4186

■ 25.9110, 29.9607,
29.4511

■ 18.3289, 26.2668,
19.3907

■ 29.2501, 31.5965,
33.4739

■ 16.5523, 25.4092,
16.6755

■ 33.0228, 33.4485,
37.8460

■ 15.1165, 24.7210,
14.2629

■ 37.2441, 35.5244,
42.5757

■ 13.9977, 24.1900,
12.1420

■ 41.9285, 37.8314,
47.6707

■ 13.1685, 23.8024,
10.3014

■ 47.0898, 40.3765,
53.1390

■ 12.5963, 23.5416,
8.7285

■ 52.7412, 43.1663,
58.9880

■ 12.3267, 23.4205,
7.9097

■ 58.8954, 46.2072,
65.2250

■ 65.3418, 49.3905,
71.8465

Harmonies

Analogous

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



24.4210, 28.5318, 21.2206



22.9885, 28.5318, 25.7683



22.6329, 28.5318, 32.4522

Triad

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



22.9885, 28.5318, 25.7683



27.5983, 28.5318, 46.7847



31.1895, 28.5318, 23.7358

Complementary

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



22.9885, 28.5318, 25.7683



24.4224, 21.4868, 27.6725

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.



32.1610, 28.5318, 29.7204



22.9885, 28.5318, 25.7683



30.0079, 28.5318, 43.5654

Square

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



22.9885, 28.5318, 25.7683



25.1994, 28.5318, 45.2990



31.7160, 28.5318, 37.0448



29.1328, 28.5318, 20.1788

Rectangle

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



22.9885, 28.5318, 25.7683



23.0342, 28.5318, 37.3981



31.7160, 28.5318, 37.0448



31.6594, 28.5318, 25.4928

Sweetspot

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



22.9893, 28.5330, 25.7689



51.1610, 56.4284, 58.4627



25.6559, 30.0100, 21.2704



11.5054, 12.7357, 13.1433



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.



22.9893, 28.5330, 25.7689



39.1282, 50.5471, 43.3551



24.3228, 29.0664, 32.7914



6.2240, 6.9623, 7.1031



10.0587, 19.0869, 6.5299



0.1672, 0.2921, 0.1861

Inverse Universe

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



24.4224, 21.4868, 27.6725



42.2072, 35.4025, 47.4406



23.1973, 20.9968, 21.2215



6.3621, 6.2840, 7.2867



12.5853, 6.2884, 9.6072



0.2057, 0.1010, 0.2363

Previews

White Background



This preview shows how the XYZ color 22.9885, 28.5318, 25.7683 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 22.9885, 28.5318, 25.7683 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 22.9885, 28.5318, 25.7683

Background



This preview shows how black text looks on a background with the XYZ color 22.9885, 28.5318, 25.7683.



This preview shows how white text looks on a background with the XYZ color 22.9885, 28.5318,

25.7683.

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

22.9885, 28.5318, 25.7683

Protanopia

26.8402, 28.4326, 23.8121

Deuteranopia

28.7854, 28.2639, 26.4926



Tritanopia

25.5963, 28.6323, 38.3599

Trichromacy



Original Color

22.9885, 28.5318, 25.7683

Protanomaly

25.1336, 28.2273, 24.5458

Deuteranomaly

26.2131, 28.0552, 26.2239

Tritanomaly

24.5377, 28.4325, 33.4729

Monochromacy



Original Color

22.9885, 28.5318, 25.7683

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1565, 26.9625, 27.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9885, 28.5318, 25.7683 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(117, 154, 131)` looks like.

```
.text, #text, p{  
    color:rgb(117, 154, 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(117, 154, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 154, 131) }
```

Border

The CSS property to change the border of an element to XYZ 22.9885, 28.5318, 25.7683 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(117, 154, 131) }
```


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

```
.border{ border-color:rgb(117, 154, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 154, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 154, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 154, 131);  
box-shadow:4px 4px 4px 4px rgb(117, 154,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9885, 28.5318, 25.7683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 154, 131) }
```

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

```
.background{ background-color: rgb(117,  
154, 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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