

Converting Colors

XYZ(25.5583, 30.1995, 27.7401)

Have a look what the booklet for
XYZ(25.5583, 30.1995, 27.7401)
contains.

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Color

**XYZ(25.6925, 30.3798,
27.8023)**

Conversions

Conversions Part 1

Format	Color
Hex	839C88
RGB	131, 156, 136
RGB Percent	51%, 61%, 53%
CMY	0.4863, 0.3882, 0.4667
CMYK	0.16, 0.00, 0.13, 0.39
HSL	132°, 11%, 56%
HSV	132°, 16%, 61%
XYZ	25.6925, 30.3798, 27.8023
YIQ	146.2450, -8.4800, -11.5200

Conversions

Conversions Part 2

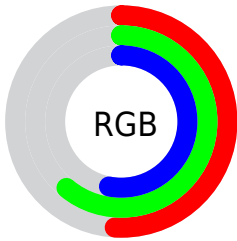
Format	Color
RYB	131, 152, 156
Decimal	8625288
CIELab	61.98, -12.83, 7.57
CIElCh	62, 14.897, 149.476
Yxy	30.3798, 0.3063, 0.3622
Android (android.graphics.Color)	4286815368 (0xFF839C88)
YUV	146.2450, -5.0508, -13.3699
Hunter-Lab	55.1179, -13.2508, 8.6757

Details

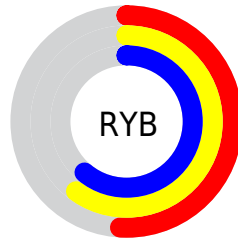
The XYZ color **25.6925, 30.3798, 27.8023** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.4136, 25.5357, 32.7636**, and the grayscale version is **27.4454, 28.8747, 31.4445**.

A 20% lighter version of the original color is **52.2467, 60.4530, 57.0590**, and **10.1246, 12.5244, 10.6879** is the 20% darker color. If you saturate the color by 10%, you get **22.6200, 28.8933, 23.2950**, and if you desaturate by 10%, it is **29.2339, 32.0978, 32.8720**.

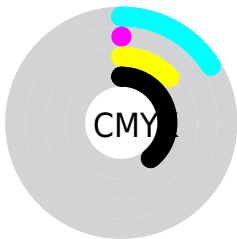
Distribution



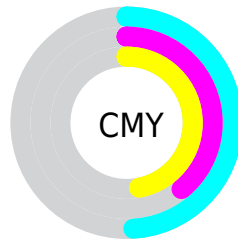
- Red (51%)
- Green (61%)
- Blue (53%)



- Red (51%)
- Yellow (60%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6925, 30.3798, 27.8023 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 25.6925, 30.3798, 27.8023 by changing the saturation by 10% instead.

■ 25.6925, 30.3798,
27.8023

■ 25.6925, 30.3798,
27.8023

273.5538,
303.6708, 305.4032

■ 16.7252, 20.1270,
17.9389

■ 52.2133, 60.2623,
57.1879

■ 10.1329, 12.4874,
10.7372

■ 70.4975, 80.6608,
77.5473

■ 5.5501, 7.0766,
5.7784

■ 92.6181, 105.2101,
102.2424

■ 2.6115, 3.5100,
2.6442

118.9404,
134.2944, 131.6918

■ 0.9518, 1.4034,
0.9152

149.8297,
168.2983, 166.3141

■ 0.0000, 0.2193,
0.0000

185.6515,

■ 0.0000, 0.0000,

207.6060, 206.5277

0.0000

226.7711,
252.6021, 252.7512

■ 25.6925, 30.3798,
27.8023

■ 25.6925, 30.3798,
27.8023

■ 22.6200, 28.8933,
23.2950

■ 29.2339, 32.0978,
32.8720

■ 19.9940, 27.6246,
19.3288

■ 33.2601, 34.0525,
38.5206

■ 17.7943, 26.5646,
15.8839

■ 37.7896, 36.2540,
44.7662

■ 15.9979, 25.7019,
12.9386

■ 42.8389, 38.7104,
51.6257

■ 14.5798, 25.0240,
10.4695

■ 48.4241, 41.4297,
59.1152

■ 13.5119, 24.5170,
8.4517

■ 54.5602, 44.4193,
67.2503

■ 12.7623, 24.1651,
6.8575

■ 61.2620, 47.6864,
76.0459

■ 12.2875, 23.9464,
5.6562

■ 68.2469, 51.0852,
85.5028

■ 12.1390, 23.8781,
5.2792

■ 70.1230, 51.8357,
95.3819

Harmonies

Analogous

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



27.0268, 30.3798, 24.3999



25.6925, 30.3798, 27.8023



25.2036, 30.3798, 32.9781

Triad

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



25.6925, 30.3798, 27.8023



28.8400, 30.3798, 45.3366



32.3480, 30.3798, 27.9576

Complementary

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



25.6925, 30.3798, 27.8023



27.4136, 25.5357, 32.7636

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.



32.8869, 30.3798, 33.1790



25.6925, 30.3798, 27.8023



30.8058, 30.3798, 43.6036

Square

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



25.6925, 30.3798, 27.8023



26.9687, 30.3798, 43.4830



32.3102, 30.3798, 38.9831



30.8693, 30.3798, 24.4820

Rectangle

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



25.6925, 30.3798, 27.8023



25.4046, 30.3798, 36.8816



32.3102, 30.3798, 38.9831



32.6480, 30.3798, 29.5461

Sweetspot

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



25.6933, 30.3811, 27.8030



53.7353, 58.6068, 60.6091



28.8264, 32.0364, 26.1375



11.7251, 12.8480, 13.1966



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.



25.6933, 30.3811, 27.8030



44.7019, 54.2276, 47.6417



26.6014, 30.7443, 32.5849



6.6023, 7.4217, 7.3403



10.0088, 19.6715, 4.4034



0.1919, 0.3569, 0.1466

Inverse Universe

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



27.4136, 25.5357, 32.7636



48.3924, 43.8312, 58.2828



26.4817, 25.1629, 27.8561



6.8473, 6.7318, 8.0468



14.3442, 7.0422, 16.5953



0.2698, 0.1312, 0.3667

Previews

White Background



This preview shows how the XYZ color 25.6925, 30.3798, 27.8023 looks on a white background.

Color Contrast Check

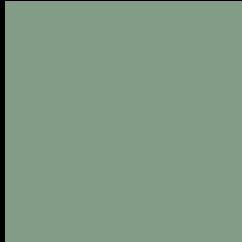
Large Text (above 18pt) WCAG AA × Fail

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 25.6925, 30.3798, 27.8023 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 ✓ Pass

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

XYZ 25.6925, 30.3798, 27.8023

Background



This preview shows how black text looks on a background with the XYZ color 25.6925, 30.3798, 27.8023.



This preview shows how white text looks on a background with the XYZ color 25.6925, 30.3798,

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

25.6925, 30.3798, 27.8023

Protanopia

28.6226, 30.2288, 26.1560

Deuteranopia

30.7092, 30.1063, 28.2373



Tritanopia

28.0824, 30.3710, 39.5041

Trichromacy



Original Color

25.6925, 30.3798, 27.8023

Protanomaly

27.4945, 30.3530, 26.5999

Deuteranomaly

28.6228, 29.9545, 27.9401

Tritanomaly

27.0555, 30.1839, 34.9719

Monochromacy



Original Color

25.6925, 30.3798, 27.8023

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.7733, 29.4284, 29.8603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6925, 30.3798, 27.8023 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(131, 156, 136)` looks like.

```
.text, #text, p{  
    color:rgb(131, 156, 136)  
}
```

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(131, 156, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 156, 136) }
```

Border

The CSS property to change the border of an element to XYZ 25.6925, 30.3798, 27.8023 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(131, 156, 136) }
```


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

```
.border{ border-color:rgb(131, 156, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 156, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 156, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 156, 136);  
box-shadow:4px 4px 4px 4px rgb(131, 156,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6925, 30.3798, 27.8023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 156, 136) }
```

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

```
.background{ background-color: rgb(131,  
156, 136) }
```

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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