

Converting Colors

XYZ(25.0848, 30.0665, 27.7739)

Have a look what the booklet for
XYZ(25.0848, 30.0665, 27.7739)
contains.

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Color

**XYZ(25.0848, 30.0665,
27.7739)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9C88
RGB	127, 156, 136
RGB Percent	50%, 61%, 53%
CMY	0.5020, 0.3882, 0.4667
CMYK	0.19, 0.00, 0.13, 0.39
HSL	139°, 13%, 55%
HSV	139°, 19%, 61%
XYZ	25.0848, 30.0665, 27.7739
YIQ	145.0490, -10.8640, -12.3680

Conversions

Conversions Part 2

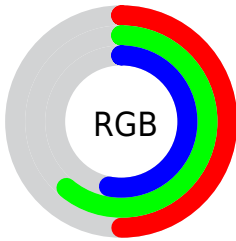
Format	Color
RYB	127, 149, 156
Decimal	8363144
CIELab	61.71, -14.24, 7.15
CIELCh	62, 15.935, 153.357
Yxy	30.0665, 0.3025, 0.3626
Android (android.graphics.Color)	4286553224 (0xFF7F9C88)
YUV	145.0490, -4.4612, -15.8290
Hunter-Lab	54.8329, -14.2980, 8.3516

Details

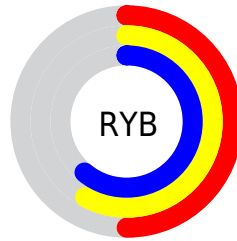
The XYZ color **25.0848, 30.0665, 27.7739** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5672, 24.3540, 30.9056**, and the grayscale version is **26.9549, 28.3587, 30.8826**.

A 20% lighter version of the original color is **51.3020, 59.9660, 57.0148**, and **9.7919, 12.3528, 10.6723** is the 20% darker color. If you saturate the color by 10%, you get **22.2123, 28.6705, 23.8465**, and if you desaturate by 10%, it is **28.3955, 31.6812, 32.1238**.

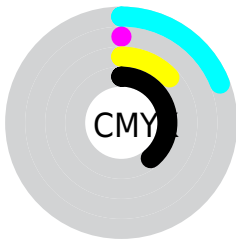
Distribution



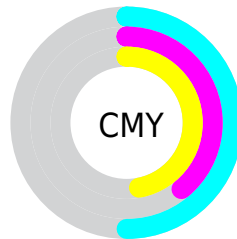
- Red (50%)
- Green (61%)
- Blue (53%)



- Red (50%)
- Yellow (58%)
- Blue (61%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (39%)



- Cyan (50%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0848, 30.0665, 27.7739 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 25.0848, 30.0665, 27.7739 by changing the saturation by 10% instead.

■ 25.0848, 30.0665,
27.7739

■ 25.0848, 30.0665,
27.7739

270.5998,
302.2143, 305.2628

■ 16.2693, 19.8891,
17.9177

■ 51.2367, 59.7673,
57.1420

■ 9.8070, 12.3144,
10.7221

■ 69.3037, 80.0595,
77.4910

■ 5.3325, 6.9582,
5.7685

■ 91.1854, 104.4921,
102.1748

■ 2.4804, 3.4360,
2.6383

117.2470,
133.4494, 131.6117

■ 0.8854, 1.3634,
0.9121

147.8539,
167.3159, 166.2205

■ 0.0000, 0.1895,
0.0000

183.3714,

■ 0.0000, 0.0000,

206.4759, 206.4195

0.0000

224.1650,
251.3139, 252.6275

■ 25.0848, 30.0665,
27.7739

■ 25.0848, 30.0665,
27.7739

■ 22.2123, 28.6705,
23.8465

■ 28.3955, 31.6812,
32.1238

■ 19.7568, 27.4800,
20.3270

■ 32.1596, 33.5197,
36.9063

■ 17.6989, 26.4861,
17.2028

■ 36.3944, 35.5916,
42.1337

■ 16.0168, 25.6779,
14.4599

■ 41.1158, 37.9046,
47.8172

■ 14.6865, 25.0433,
12.0836

■ 46.3387, 40.4664,
53.9674

■ 13.6808, 24.5687,
10.0579

■ 52.0776, 43.2841,
60.5948

■ 12.9686, 24.2383,
8.3658

■ 58.3461, 46.3647,
67.7095

■ 12.4907, 24.0219,
6.9879

■ 65.1577, 49.7148,
75.3212

■ 12.4311, 23.9949,
6.8174

■ 67.8132, 50.9117,
83.2188

Harmonies

Analogous

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



26.3930, 30.0665, 23.9183



25.0848, 30.0665, 27.7739



24.6962, 30.0665, 33.4260

Triad

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



25.0848, 30.0665, 27.7739



28.8168, 30.0665, 45.8365



32.1210, 30.0665, 26.7258

Complementary

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



25.0848, 30.0665, 27.7739



26.5672, 24.3540, 30.9056

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.



32.8451, 30.0665, 32.0582



25.0848, 30.0665, 27.7739



30.8790, 30.0665, 43.4945

Square

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



25.0848, 30.0665, 27.7739



26.7872, 30.0665, 44.3263



32.3798, 30.0665, 38.2594



30.4455, 30.0665, 23.3679

Rectangle

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



25.0848, 30.0665, 27.7739



24.9943, 30.0665, 37.5897



32.3798, 30.0665, 38.2594



32.4874, 30.0665, 28.3216

Sweetspot

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



25.0856, 30.0678, 27.7746



53.1840, 58.3263, 60.4164



27.8068, 31.5414, 24.7016



11.6174, 12.7926, 13.1847



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.



25.0856, 30.0678, 27.7746



43.4622, 53.5879, 47.6121



26.1630, 30.4987, 33.4478



6.6313, 7.4333, 7.4931



10.2530, 19.7691, 5.6895



0.2011, 0.3606, 0.1953

Inverse Universe

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



26.5672, 24.3540, 30.9056



46.6228, 41.3958, 54.2896



25.5204, 23.9353, 25.3934



6.8164, 6.7195, 7.8845



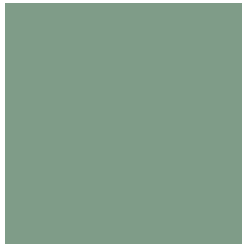
13.5207, 6.7128, 12.2588



0.2598, 0.1272, 0.3140

Previews

White Background



This preview shows how the XYZ color 25.0848, 30.0665, 27.7739 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 25.0848, 30.0665, 27.7739 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 25.0848, 30.0665, 27.7739

Background



This preview shows how black text looks on a background with the XYZ color 25.0848, 30.0665, 27.7739.



This preview shows how white text looks on a background with the XYZ color 25.0848, 30.0665,

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

25.0848, 30.0665, 27.7739

Protanopia

28.2723, 29.8143, 26.0944

Deuteranopia

30.5698, 30.0261, 28.6105



Tritanopia

27.4448, 30.0423, 39.4742

Trichromacy



Original Color

25.0848, 30.0665, 27.7739

Protanomaly

26.9773, 29.8464, 26.5294

Deuteranomaly

28.1262, 29.6902, 28.2931

Tritanomaly

26.4299, 29.8614, 34.9427

Monochromacy



Original Color

25.0848, 30.0665, 27.7739

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.1112, 28.8512, 29.7838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0848, 30.0665, 27.7739 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(127, 156, 136)` looks like.

```
.text, #text, p{  
    color:rgb(127, 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(127, 156, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 156, 136) }
```

Border

The CSS property to change the border of an element to XYZ 25.0848, 30.0665, 27.7739 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(127, 156, 136) }
```


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

```
.border{ border-color:rgb(127, 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(127, 156, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 156, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 156, 136);  
box-shadow:4px 4px 4px 4px rgb(127, 156,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0848, 30.0665, 27.7739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 156, 136) }
```

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

```
.background{ background-color: rgb(127,  
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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