

Converting Colors

XYZ(25.5628, 35.7118, 28.8383)

Have a look what the booklet for
XYZ(25.5628, 35.7118, 28.8383)
contains.

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Color

**XYZ(25.5628, 35.7118,
28.8383)**

Conversions

Conversions Part 1

Format	Color
Hex	67B088
RGB	103, 176, 136
RGB Percent	40%, 69%, 53%
CMY	0.5961, 0.3098, 0.4667
CMYK	0.41, 0.00, 0.23, 0.31
HSL	147°, 32%, 55%
HSV	147°, 41%, 69%
XYZ	25.5628, 35.7118, 28.8383
YIQ	149.6130, -30.6680, -27.9160

Conversions

Conversions Part 2

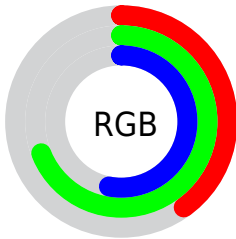
Format	Color
RYB	103, 153, 176
Decimal	6795400
CIELab	66.30, -31.99, 13.46
CIElCh	66, 34.707, 157.190
Yxy	35.7118, 0.2837, 0.3963
Android (android.graphics.Color)	4284985480 (0xFF67B088)
YUV	149.6130, -6.7112, -40.8796
Hunter-Lab	59.7594, -28.2233, 13.2197

Details

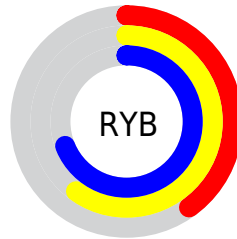
The XYZ color **25.5628, 35.7118, 28.8383** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.7139, 20.9146, 28.5643**, and the grayscale version is **28.8631, 30.3662, 33.0688**.

A 20% lighter version of the original color is **51.9465, 68.5554, 58.6388**, and **10.0781, 15.5159, 11.2678** is the 20% darker color. If you saturate the color by 10%, you get **23.0979, 34.5177, 25.3049**, and if you desaturate by 10%, it is **28.5163, 37.1526, 32.7181**.

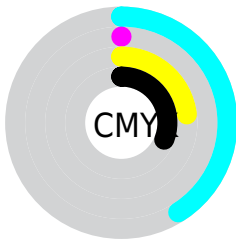
Distribution



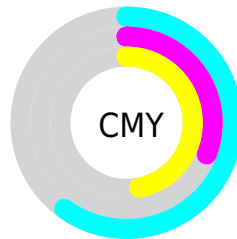
- Red (40%)
- Green (69%)
- Blue (53%)



- Red (40%)
- Yellow (60%)
- Blue (69%)



- Cyan (41%)
- Magenta (0%)
- Yellow (23%)
- Black (31%)





- Cyan (60%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5628, 35.7118, 28.8383 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 25.5628, 35.7118, 28.8383 by changing the saturation by 10% instead.


 25.5628, 35.7118,
28.8383


 25.5628, 35.7118,
28.8383


272.9255,
327.6991, 310.4883


 16.6278, 24.2117,
18.7140


 52.0051, 68.5870,
58.8592


 10.0631, 15.4907,
11.2891


 70.2432, 90.7309,
79.5929

 5.5034, 9.1645,
6.1450


 92.3130, 117.1915,
104.7001

 2.5833, 4.8486,
2.8632

 118.5799,
148.3532, 134.5994

 0.9375, 2.1587,
1.0252

149.4092,
184.6004, 169.7093

 0.0000, 0.6974,
0.0000

185.1664,

 0.0000, 0.0000,

226.3176, 210.4484

0.0000

226.2167,
273.8890, 257.2352

■ 25.5628, 35.7118,
28.8383

■ 25.5628, 35.7118,
28.8383

■ 23.0979, 34.5177,
25.3049

■ 28.5163, 37.1526,
32.7181

■ 21.0901, 33.5514,
22.1058

■ 31.9816, 38.8489,
36.9512

■ 19.5088, 32.7982,
19.2313


■ 35.9837, 40.8145,
41.5474

■ 18.3180, 32.2398,
16.6707


■ 40.5454, 43.0609,
46.5154


■ 17.4753, 31.8545,
14.4123


■ 45.6878, 45.5988,
51.8634

 16.9578, 31.6247,
12.7150

 51.4312, 48.4386,
57.5996

 57.7946, 51.5900,
63.7317

 64.7964, 55.0621,
70.2673

 70.0583, 57.6289,
77.1017

Harmonies

Analogous

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



28.2701, 35.7118, 20.2954



25.5628, 35.7118, 28.8383



24.9871, 35.7118, 42.5654

Triad

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



25.5628, 35.7118, 28.8383



35.2052, 35.7118, 74.6173



42.5143, 35.7118, 24.0617

Complementary

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



25.5628, 35.7118, 28.8383



27.7139, 20.9146, 28.5643

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.



44.8178, 35.7118, 35.4214



25.5628, 35.7118, 28.8383



40.3281, 35.7118, 66.3308

Square

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



25.5628, 35.7118, 28.8383



30.2253, 35.7118, 71.5606



43.9796, 35.7118, 51.0277



37.9537, 35.7118, 18.0674

Rectangle

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



25.5628, 35.7118, 28.8383



25.8300, 35.7118, 53.4329



43.9796, 35.7118, 51.0277



43.5984, 35.7118, 27.2495

Sweetspot

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



25.5638, 35.7133, 28.8391



64.6941, 73.7427, 74.7167



29.3284, 37.8846, 18.5991



13.8123, 15.8790, 15.9582



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.5638, 35.7133, 28.8391



42.1354, 62.7197, 46.2615



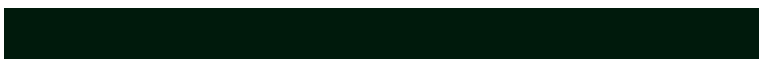
28.6001, 36.9278, 44.8282



8.5433, 9.5518, 9.8549



12.4705, 23.2142, 9.4802



0.4219, 0.7422, 0.4539

Inverse Universe

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



27.7139, 20.9146, 28.5643



46.5737, 32.1444, 45.6739



25.3912, 19.9856, 16.3334



8.6846, 8.5806, 9.8378



14.7308, 7.4099, 9.0081



0.4924, 0.2447, 0.4358

Previews

White Background



This preview shows how the XYZ color 25.5628, 35.7118, 28.8383 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 25.5628, 35.7118, 28.8383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

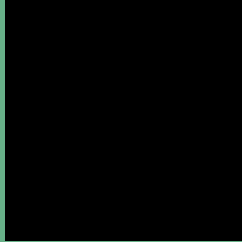
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5628, 35.7118, 28.8383

Background



This preview shows how black text looks on a background with the XYZ color 25.5628, 35.7118, 28.8383.

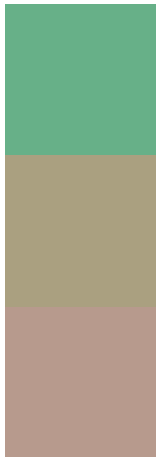


This preview shows how white text looks on a background with the XYZ color 25.5628, 35.7118,

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

25.5628, 35.7118, 28.8383

Protanopia

33.0447, 35.2462, 25.4836

Deuteranopia

35.8918, 35.1016, 30.0829



Tritanopia

29.8614, 35.7458, 50.1255

Trichromacy



Original Color

25.5628, 35.7118, 28.8383

Protanomaly

29.5870, 35.0221, 26.6733

Deuteranomaly

30.9070, 34.5748, 29.4707

Tritanomaly

28.0659, 35.5732, 41.4635

Monochromacy



Original Color

25.5628, 35.7118, 28.8383

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.1818, 31.8272, 31.4987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5628, 35.7118, 28.8383 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(103, 176, 136)` looks like.

```
.text, #text, p{  
    color:rgb(103, 176, 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(103, 176, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 176, 136) }
```

Border

The CSS property to change the border of an element to XYZ 25.5628, 35.7118, 28.8383 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(103, 176, 136) }
```


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

```
.border{ border-color:rgb(103, 176, 136) }
```

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

Here you see how a box with a 4 pixel rgb(103, 176, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 176, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 176, 136);  
box-shadow:4px 4px 4px 4px rgb(103, 176,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5628, 35.7118, 28.8383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 176, 136) }
```

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

```
.background{ background-color: rgb(103,  
176, 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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