

Converting Colors

XYZ(26.0506, 33.7733, 28.9792)

Have a look what the booklet for
XYZ(26.0506, 33.7733, 28.9792)
contains.

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Color

**XYZ(25.9892, 33.6630,
28.7947)**

Conversions

Conversions Part 1

Format	Color
Hex	76A889
RGB	118, 168, 137
RGB Percent	46%, 66%, 54%
CMY	0.5373, 0.3412, 0.4627
CMYK	0.30, 0.00, 0.18, 0.34
HSL	143°, 22%, 56%
HSV	143°, 30%, 66%
XYZ	25.9892, 33.6630, 28.7947
YIQ	149.5160, -19.8490, -20.2410

Conversions

Conversions Part 2

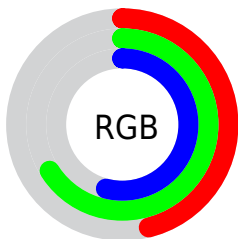
Format	Color
RYB	118, 154, 168
Decimal	7776393
CIELab	64.69, -23.29, 10.75
CIElCh	65, 25.652, 155.217
Yxy	33.6630, 0.2938, 0.3806
Android (android.graphics.Color)	4285966473 (0xFF76A889)
YUV	149.5160, -6.1704, -27.6395
Hunter-Lab	58.0198, -21.5780, 11.1888

Details

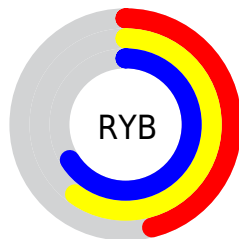
The XYZ color **25.9892, 33.6630, 28.7947** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.0529, 23.4524, 31.4834**, and the grayscale version is **28.8165, 30.3172, 33.0155**.

A 20% lighter version of the original color is **52.4765, 65.1510, 58.5248**, and **10.3496, 14.4078, 11.2523** is the 20% darker color. If you saturate the color by 10%, you get **23.1964, 32.3064, 24.9503**, and if you desaturate by 10%, it is **29.2624, 35.2608, 33.0397**.

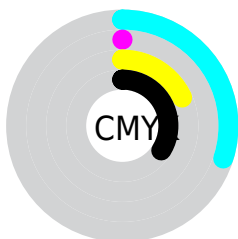
Distribution



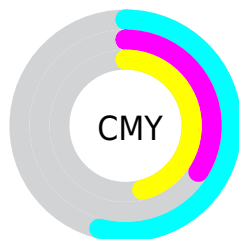
- Red (46%)
- Green (66%)
- Blue (54%)



- Red (46%)
- Yellow (60%)
- Blue (66%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)



- Cyan (54%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9892, 33.6630, 28.7947 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 25.9892, 33.6630, 28.7947 by changing the saturation by 10% instead.

■ 25.9892, 33.6630,
28.7947

■ 25.9892, 33.6630,
28.7947

274.9867,
318.6268, 310.2756

■ 16.9482, 22.6348,
18.6813

■ 52.6889, 65.4093,
58.7890

■ 10.2926, 14.3241,
11.2658

■ 71.0784, 86.8961,
79.5071

■ 5.6572, 8.3464,
6.1295

■ 93.3147, 112.6380,
104.5971

■ 2.6764, 4.3174,
2.8539

119.7633,
143.0194, 134.4776

■ 0.9851, 1.8527,
1.0205

150.7894,
178.4245, 169.5672

■ 0.0000, 0.5197,
0.0000

186.7584,

■ 0.0000, 0.0000,

219.2379, 210.2844

0.0000

228.0358,
265.8438, 257.0477

■ 25.9892, 33.6630,
28.7947

■ 25.9892, 33.6630,
28.7947

■ 23.1964, 32.3064,
24.9503

■ 29.2624, 35.2608,
33.0397

■ 20.8576, 31.1748,
21.4924

■ 33.0351, 37.1066,
37.6942

■ 18.9480, 30.2567,
18.4096

■ 37.3288, 39.2121,
42.7696

■ 17.4393, 29.5375,
15.6887

■ 42.1628, 41.5873,
48.2765

■ 16.2994, 29.0012,
13.3162

■ 47.5556, 44.2413,
54.2247

■ 15.4911, 28.6288,
11.2771

■ 53.5246, 47.1830,
60.6240

■ 14.9361, 28.3803,
9.5540

■ 60.0864, 50.4207,
67.4836

■ 14.9241, 28.3749,
9.5168

■ 67.2571, 53.9625,
74.8127

■ 69.6318, 55.0220,
82.3664

Harmonies

Analogous

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



28.0844, 33.6630, 22.4595



25.9892, 33.6630, 28.7947



25.4509, 33.6630, 38.5280

Triad

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



25.9892, 33.6630, 28.7947



32.6437, 33.6630, 60.7777



38.1346, 33.6630, 26.1606

Complementary

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



25.9892, 33.6630, 28.7947



28.0529, 23.4524, 31.4834

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.



39.5760, 33.6630, 34.8404



25.9892, 33.6630, 28.7947



36.2542, 33.6630, 55.8370

Square

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



25.9892, 33.6630, 28.7947



29.1190, 33.6630, 58.3136



38.8629, 33.6630, 45.8255



35.0558, 33.6630, 21.1556

Rectangle

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



25.9892, 33.6630, 28.7947



26.0090, 33.6630, 45.9875



38.8629, 33.6630, 45.8255



38.8370, 33.6630, 28.6761

Sweetspot

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



25.9901, 33.6644, 28.7955



60.3829, 67.5471, 68.9271



29.7903, 35.7673, 22.4736



12.9378, 14.6130, 14.7538



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.9901, 33.6644, 28.7955



43.5734, 59.3414, 47.3620



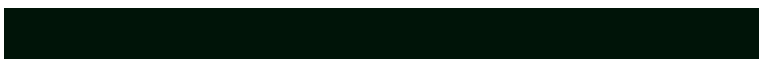
27.9374, 34.4433, 39.0498



7.5503, 8.4532, 8.6180



11.2929, 21.4359, 7.3094



0.2997, 0.5315, 0.3094

Inverse Universe

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



28.0529, 23.4524, 31.4834



47.9514, 37.6531, 53.0560



26.3083, 22.7546, 22.2965



7.7192, 7.6176, 8.8387



14.1133, 7.0541, 10.6744



0.3671, 0.1811, 0.3846

Previews

White Background



This preview shows how the XYZ color 25.9892, 33.6630, 28.7947 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 25.9892, 33.6630, 28.7947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

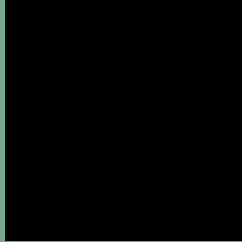
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9892, 33.6630, 28.7947

Background



This preview shows how black text looks on a background with the XYZ color 25.9892, 33.6630, 28.7947.



This preview shows how white text looks on a background with the XYZ color 25.9892, 33.6630,

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

25.9892, 33.6630, 28.7947

Protanopia

31.5023, 33.4150, 26.2621

Deuteranopia

34.0058, 33.4034, 29.8545



Tritanopia

29.5379, 33.7646, 46.0347

Trichromacy



Original Color

25.9892, 33.6630, 28.7947

Protanomaly

29.0172, 33.1310, 27.0558

Deuteranomaly

30.5009, 33.0753, 29.5875

Tritanomaly

28.1451, 33.7299, 39.2095

Monochromacy



Original Color

25.9892, 33.6630, 28.7947

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.6490, 31.5615, 31.4228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9892, 33.6630, 28.7947 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, 168, 137)` looks like.

```
.text, #text, p{  
    color:rgb(118, 168, 137)  
}
```

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, 168, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 168, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.9892, 33.6630, 28.7947 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, 168, 137) }
```


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

```
.border{ border-color:rgb(118, 168, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 168, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 168, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 168, 137);  
box-shadow:4px 4px 4px 4px rgb(118, 168,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9892, 33.6630, 28.7947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 168, 137) }
```

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

```
.background{ background-color: rgb(118,  
168, 137) }
```

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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