

Converting Colors

XYZ(25.7661, 27.7166, 33.7072)

Have a look what the booklet for
XYZ(25.7661, 27.7166, 33.7072)
contains.

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Color

**XYZ(25.7846, 27.6687,
33.6874)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 879198 |
| RGB | 135, 145, 152 |
| RGB Percent | 53%, 57%, 60% |
| CMY | 0.4706, 0.4314, 0.4039 |
| CMYK | 0.11, 0.05, 0.00, 0.40 |
| HSL | 205°, 8%, 56% |
| HSV | 205°, 11%, 60% |
| XYZ | 25.7846, 27.6687, 33.6874 |
| YIQ | 142.8080, -8.2070, 0.0570 |

Conversions

Conversions Part 2

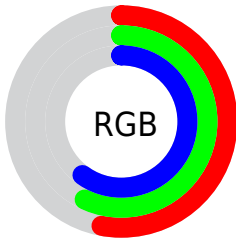
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 135, 141, 152 |
| Decimal | 8884632 |
| CIE Lab | 59.59, -2.14, -4.94 |
| CIE LCh | 60, 5.386, 246.644 |
| Yxy | 27.6687, 0.2959, 0.3175 |
| Android (android.graphics.Color) | 4287074712 (0xFF879198) |
| YUV | 142.8080, 4.5317, -6.8476 |
| Hunter-Lab | 52.6010, -4.5526, -1.1505 |

Details

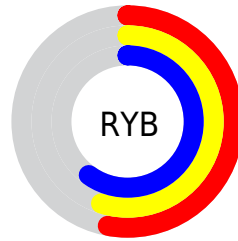
The XYZ color **25.7846, 27.6687, 33.6874** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9953, 27.7706, 26.8597**, and the grayscale version is **26.0174, 27.3723, 29.8085**.

A 20% lighter version of the original color is **52.3030, 55.9944, 66.4439**, and **10.1875, 11.0553, 13.9089** is the 20% darker color. If you saturate the color by 10%, you get **22.5817, 24.6377, 33.2716**, and if you desaturate by 10%, it is **29.3910, 30.9873, 34.1383**.

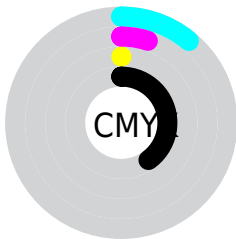
Distribution



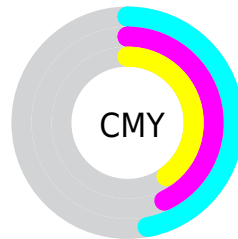
- Red (53%)
- Green (57%)
- Blue (60%)



- Red (53%)
- Yellow (55%)
- Blue (60%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7846, 27.6687, 33.6874 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 25.7846, 27.6687, 33.6874 by changing the saturation by 10% instead.

■ 25.7846, 27.6687,
33.6874

■ 25.7846, 27.6687,
33.6874

273.9992,
290.8804, 333.4624

■ 16.7944, 18.0761,
22.3781

■ 52.3610, 55.9551,
66.5756

■ 10.1824, 11.0046,
13.9340

■ 70.6780, 75.4176,
88.9916

■ 5.5833, 6.0699,
7.9366

■ 92.8345, 98.9389,
115.9469

■ 2.6316, 2.8877,
3.9672

119.1961,
126.9033, 147.8601

■ 0.9621, 1.0734,
1.6074

150.1280,
159.6953, 185.1497

■ 0.0000, 0.0000,
0.2961

185.9956,

■ 0.0000, 0.0000,

197.6992, 228.2343

0.0000

227.1642,
241.2995, 277.5323

■ 25.7846, 27.6687,
33.6874

■ 25.7846, 27.6687,
33.6874

■ 22.5817, 24.6377,
33.2716

■ 29.3910, 30.9873,
34.1383

■ 19.7643, 21.8817,
32.8881

■ 33.4130, 34.5989,
34.6234

■ 17.3166, 19.3919,
32.5366

■ 37.8656, 38.5130,
35.1443

■ 15.2206, 17.1578,
32.2158

■ 42.7617, 42.7376,
35.7016

■ 13.4568, 15.1680,
31.9247

■ 48.1141, 47.2802,
36.2963

■ 12.0036, 13.4098,
31.6619

■ 53.9350, 52.1484,
36.9292

■ 10.8366, 11.8694,
31.4261

■ 60.2359, 57.3491,
37.6009

■ 9.9269, 10.5305,
31.2156

■ 66.4361, 62.5841,
38.2846

■ 9.2759, 9.4836,
31.0479

■ 67.8682, 65.4483,
38.7620

Harmonies

Analogous

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



25.2656, 27.6687, 32.4113



25.7846, 27.6687, 33.6874



26.4495, 27.6687, 33.9910

Triad

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



25.7846, 27.6687, 33.6874



27.6151, 27.6687, 29.6964



25.5275, 27.6687, 27.2278

Complementary

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



25.7846, 27.6687, 33.6874



26.9953, 27.7706, 26.8597

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.



26.1477, 27.6687, 26.5666



25.7846, 27.6687, 33.6874



27.3587, 27.6687, 27.9517

Square

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



25.7846, 27.6687, 33.6874



27.5139, 27.6687, 31.6317



26.8187, 27.6687, 26.8258



25.1190, 27.6687, 28.6698

Rectangle

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



25.7846, 27.6687, 33.6874



26.8875, 27.6687, 33.5899



26.8187, 27.6687, 26.8258



25.7177, 27.6687, 26.9098

Sweetspot

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



25.7854, 27.6699, 33.6880



50.6290, 53.5582, 60.1030



26.0879, 29.5549, 29.8427



11.3924, 12.0680, 13.6464



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.7854, 27.6699, 33.6880



44.2858, 47.6912, 59.3049



24.5628, 25.2246, 33.2805



6.1712, 6.5998, 7.8776



7.8085, 8.0136, 26.0429



0.1525, 0.1913, 0.4013

Inverse Universe

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



26.7244, 26.0483, 30.4087



46.2321, 44.3808, 52.4963



28.2768, 30.3337, 27.2869



6.3535, 6.2806, 7.2419



12.4001, 6.2143, 8.6320



0.2034, 0.1001, 0.2240

Previews

White Background



This preview shows how the XYZ color 25.7846, 27.6687, 33.6874 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 25.7846, 27.6687, 33.6874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

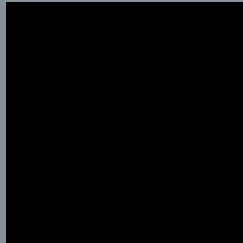
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

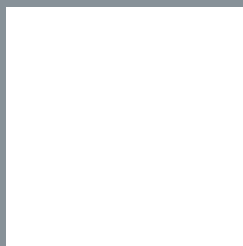
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7846, 27.6687, 33.6874

Background



This preview shows how black text looks on a background with the XYZ color 25.7846, 27.6687, 33.6874.



This preview shows how white text looks on a background with the XYZ color 25.7846, 27.6687,

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

25.7846, 27.6687, 33.6874

Protanopia

26.8291, 27.7762, 32.8015

Deuteranopia

28.1193, 27.5374, 33.9702



Tritanopia

26.1274, 27.5811, 35.3991

Trichromacy



Original Color

25.7846, 27.6687, 33.6874

Protanomaly

26.5437, 27.8436, 33.2535

Deuteranomaly

27.1287, 27.4607, 34.0076

Tritanomaly

26.0430, 27.5473, 34.9549

Monochromacy



Original Color

25.7846, 27.6687, 33.6874

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9768, 27.5973, 31.1518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7846, 27.6687, 33.6874 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(135, 145, 152)` looks like.

```
.text, #text, p{  
    color:rgb(135, 145, 152)  
}
```

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(135, 145, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 145, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.7846, 27.6687, 33.6874 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(135, 145, 152) }
```


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

```
.border{ border-color:rgb(135, 145, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 145, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 145, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 145, 152); box-shadow:4px 4px 4px 4px rgb(135, 145, 152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7846, 27.6687, 33.6874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 145, 152) }
```

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

```
.background{ background-color: rgb(135,  
145, 152) }
```

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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