

Converting Colors

XYZ(25.8442, 31.3714, 28.4834)

Have a look what the booklet for
XYZ(25.8442, 31.3714, 28.4834)
contains.

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Color

**XYZ(25.8386, 31.4598,
28.3774)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA089
RGB	127, 160, 137
RGB Percent	50%, 63%, 54%
CMY	0.5020, 0.3725, 0.4627
CMYK	0.21, 0.00, 0.14, 0.37
HSL	138°, 15%, 56%
HSV	138°, 21%, 63%
XYZ	25.8386, 31.4598, 28.3774
YIQ	147.5110, -12.2850, -14.1490

Conversions

Conversions Part 2

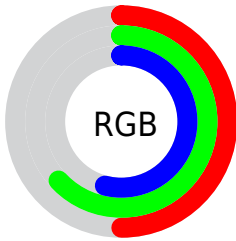
Format	Color
RYB	127, 152, 160
Decimal	8364169
CIELab	62.89, -16.16, 8.27
CIELCh	63, 18.152, 152.890
Yxy	31.4598, 0.3016, 0.3672
Android (android.graphics.Color)	4286554249 (0xFF7FA089)
YUV	147.5110, -5.1819, -17.9881
Hunter-Lab	56.0890, -15.9260, 9.2654

Details

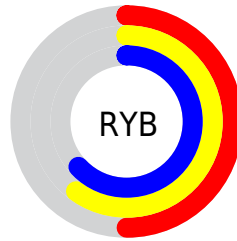
The XYZ color **25.8386, 31.4598, 28.3774** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.5928, 24.8552, 32.1989**, and the grayscale version is **27.9701, 29.4267, 32.0457**.

A 20% lighter version of the original color is **52.4171, 62.0219, 57.9239**, and **10.1434, 12.9910, 10.9897** is the 20% darker color. If you saturate the color by 10%, you get **22.8832, 30.0249, 24.2770**, and if you desaturate by 10%, it is **29.2569, 33.1256, 32.9325**.

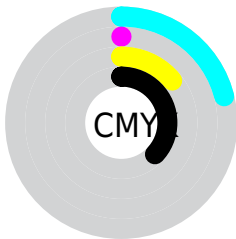
Distribution



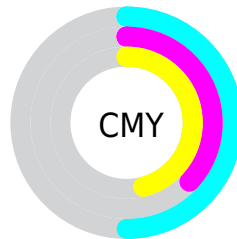
- Red (50%)
- Green (63%)
- Blue (54%)



- Red (50%)
- Yellow (60%)
- Blue (63%)



- Cyan (21%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (50%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8386, 31.4598, 28.3774 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 25.8386, 31.4598, 28.3774 by changing the saturation by 10% instead.

■ 25.8386, 31.4598,
28.3774

■ 25.8386, 31.4598,
28.3774

274.2601,
308.6511, 308.2344

■ 16.8350, 20.9492,
18.3688

■ 52.4476, 61.9633,
58.1168

■ 10.2115, 13.0869,
11.0429

■ 70.7837, 82.7249,
78.6846

■ 5.6027, 7.4884,
5.9812

■ 92.9614, 107.6724,
103.6093

■ 2.6434, 3.7694,
2.7650

119.3459,
137.1901, 133.3094

■ 0.9681, 1.5454,
0.9760

150.3027,
171.6625, 168.2034

■ 0.0000, 0.3204,
0.0000

186.1971,

■ 0.0000, 0.0000,

211.4738, 208.7099

0.0000

227.3945,
257.0085, 255.2474

■ 25.8386, 31.4598,
28.3774

■ 25.8386, 31.4598,
28.3774

■ 22.8832, 30.0249,
24.2770

■ 29.2569, 33.1256,
32.9325

■ 20.3679, 28.8066,
20.6151

■ 33.1545, 35.0278,
37.9537

■ 18.2715, 27.7953,
17.3778

■ 37.5502, 37.1767,
43.4543

■ 16.5703, 26.9792,
14.5496

■ 42.4612, 39.5808,
49.4468

■ 15.2379, 26.3448,
12.1139

■ 47.9035, 42.2483,
55.9429

■ 14.2447, 25.8774,
10.0531

■ 53.8927, 45.1869,
62.9542

■ 13.5562, 25.5595,
8.3480

■ 60.4436, 48.4039,
70.4918

■ 13.1149, 25.3602,
7.0525

■ 67.5689, 51.9058,
78.5663

■ 69.1517, 52.5389,
86.9012

Harmonies

Analogous

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



27.3760, 31.4598, 23.9811



25.8386, 31.4598, 28.3774



25.3697, 31.4598, 34.9504

Triad

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



25.8386, 31.4598, 28.3774



30.1437, 31.4598, 49.8571



34.1054, 31.4598, 27.3341

Complementary

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



25.8386, 31.4598, 28.3774



27.5928, 24.8552, 32.1989

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.



34.9434, 31.4598, 33.5676



25.8386, 31.4598, 28.3774



32.5779, 31.4598, 47.1085

Square

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



25.8386, 31.4598, 28.3774



27.7722, 31.4598, 47.9688



34.3696, 31.4598, 40.8914



32.1372, 31.4598, 23.4400

Rectangle

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



25.8386, 31.4598, 28.3774



25.7036, 31.4598, 39.8701



34.3696, 31.4598, 40.8914



34.5334, 31.4598, 29.1924

Sweetspot

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



25.8395, 31.4611, 28.3781



56.2013, 61.6470, 63.7986



28.9989, 33.1689, 24.9530



12.2340, 13.4753, 13.8734



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.8395, 31.4611, 28.3781



44.2059, 55.8047, 47.8067



27.1071, 31.9682, 35.0536



6.6294, 7.4325, 7.4829



10.2335, 19.7613, 5.5864



0.2005, 0.3603, 0.1921

Inverse Universe

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



27.5928, 24.8552, 32.1989



48.0049, 41.4866, 56.0821



26.3628, 24.3632, 25.7220



6.8185, 6.7203, 7.8952



13.5707, 6.7328, 12.5222



0.2604, 0.1275, 0.3174

Previews

White Background



This preview shows how the XYZ color 25.8386, 31.4598, 28.3774 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 25.8386, 31.4598, 28.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

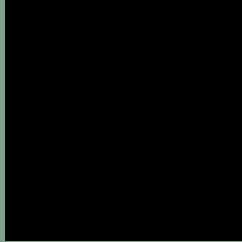
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.8386, 31.4598, 28.3774

Background



This preview shows how black text looks on a background with the XYZ color 25.8386, 31.4598, 28.3774.



This preview shows how white text looks on a background with the XYZ color 25.8386, 31.4598,

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

25.8386, 31.4598, 28.3774

Protanopia

29.5983, 31.1976, 26.6520

Deuteranopia

31.8071, 31.1091, 29.1392



Tritanopia

28.6292, 31.5906, 41.6345

Trichromacy



Original Color

25.8386, 31.4598, 28.3774

Protanomaly

27.8913, 31.0355, 27.0747

Deuteranomaly

29.2444, 30.9659, 28.8618

Tritanomaly

27.5028, 31.3736, 36.5044

Monochromacy



Original Color

25.8386, 31.4598, 28.3774

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.0775, 30.0455, 30.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8386, 31.4598, 28.3774 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, 160, 137)` looks like.

```
.text, #text, p{  
    color:rgb(127, 160, 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(127, 160, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 160, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.8386, 31.4598, 28.3774 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, 160, 137) }
```


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

```
.border{ border-color:rgb(127, 160, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 160, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 160, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 160, 137);  
box-shadow:4px 4px 4px 4px rgb(127, 160,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8386, 31.4598, 28.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 160, 137) }
```

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

```
.background{ background-color: rgb(127,  
160, 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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