

Converting Colors

XYZ(26.0342, 31.5808, 29.8558)

Have a look what the booklet for
XYZ(26.0342, 31.5808, 29.8558)
contains.

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Color

**XYZ(25.9827, 31.5003,
29.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA08D
RGB	126, 160, 141
RGB Percent	49%, 63%, 55%
CMY	0.5059, 0.3725, 0.4471
CMYK	0.21, 0.00, 0.12, 0.37
HSL	146°, 15%, 56%
HSV	146°, 21%, 63%
XYZ	25.9827, 31.5003, 29.9100
YIQ	147.6680, -14.1650, -13.1170

Conversions

Conversions Part 2

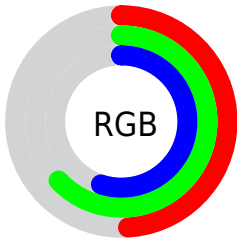
Format	Color
RYB	126, 150, 160
Decimal	8298637
CIELab	62.93, -15.70, 6.07
CIELCh	63, 16.835, 158.864
Yxy	31.5003, 0.2973, 0.3604
Android (android.graphics.Color)	4286488717 (0xFF7EA08D)
YUV	147.6680, -3.2873, -19.0028
Hunter-Lab	56.1251, -15.5838, 7.6910

Details

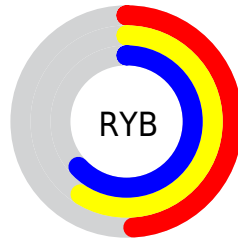
The XYZ color **25.9827, 31.5003, 29.9100** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0700, 24.4404, 30.0802**, and the grayscale version is **28.0282, 29.4879, 32.1123**.

A 20% lighter version of the original color is **52.7412, 62.1247, 60.8413**, and **10.2314, 13.0170, 11.8708** is the 20% darker color. If you saturate the color by 10%, you get **23.1708, 30.1254, 26.4446**, and if you desaturate by 10%, it is **29.2274, 33.0939, 33.6774**.

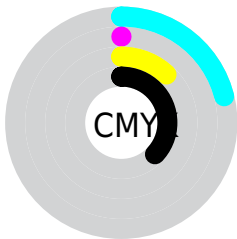
Distribution



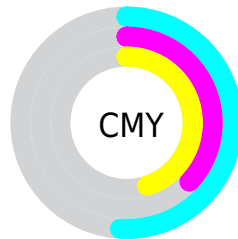
- Red (49%)
- Green (63%)
- Blue (55%)



- Red (49%)
- Yellow (59%)
- Blue (63%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (37%)



- Cyan (51%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9827, 31.5003, 29.9100 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 25.9827, 31.5003, 29.9100 by changing the saturation by 10% instead.

■ 25.9827, 31.5003,
29.9100

■ 25.9827, 31.5003,
29.9100

274.9554,
308.8366, 315.6790

■ 16.9433, 20.9801,
19.5188

■ 52.6785, 62.0269,
60.5791

■ 10.2891, 13.1095,
11.8652

■ 71.0657, 82.8021,
81.6942

■ 5.6548, 7.5040,
6.5305

■ 93.2995, 107.7644,
107.2209

■ 2.6750, 3.7792,
3.0963

119.7453,
137.2982, 137.5779

■ 0.9843, 1.5508,
1.1440

150.7684,
171.7880, 173.1836

■ 0.0000, 0.3241,
0.0000

186.7342,

■ 0.0000, 0.0000,

211.6180, 214.4567

0.0000

228.0081,
257.1728, 261.8156

■ 25.9827, 31.5003,
29.9100

■ 25.9827, 31.5003,
29.9100

■ 23.1708, 30.1254,
26.4446

■ 29.2274, 33.0939,
33.6774

■ 20.7701, 28.9555,
23.2717

■ 32.9203, 34.9113,
37.7520

■ 18.7606, 27.9814,
20.3842

■ 37.0792, 36.9624,
42.1414

■ 17.1198, 27.1916,
17.7739

■ 41.7200, 39.2554,
46.8523

■ 15.8229, 26.5735,
15.4322

■ 46.8580, 41.7979,
51.8912

■ 14.8414, 26.1126,
13.3500

■ 52.5076, 44.5973,
57.2646

■ 14.1423, 25.7921,
11.5177

■ 58.6830, 47.6607,
62.9784

■ 13.6954, 25.5924,
10.1096

■ 65.3973, 50.9949,
69.0386

■ 66.9263, 51.6487,
75.1827

Harmonies

Analogous

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



27.2368, 31.5003, 25.3108



25.9827, 31.5003, 29.9100



25.7596, 31.5003, 36.2975

Triad

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



25.9827, 31.5003, 29.9100



30.6302, 31.5003, 48.4762



33.5361, 31.5003, 26.9150

Complementary

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



25.9827, 31.5003, 29.9100



27.0700, 24.4404, 30.0802

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.



34.5501, 31.5003, 32.3742



25.9827, 31.5003, 29.9100



32.8166, 31.5003, 45.1958

Square

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



25.9827, 31.5003, 29.9100



28.3658, 31.5003, 47.5945



34.2802, 31.5003, 39.0965



31.5716, 31.5003, 23.7426

Rectangle

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



25.9827, 31.5003, 29.9100



26.2137, 31.5003, 40.8177



34.2802, 31.5003, 39.0965



34.0039, 31.5003, 28.5132

Sweetspot

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



25.9836, 31.5016, 29.9107



56.4055, 61.7287, 64.8741



28.0619, 32.6934, 24.5705



12.2829, 13.4949, 14.1311



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.



25.9836, 31.5016, 29.9107



44.3997, 55.8355, 50.9353



27.3247, 32.0381, 36.9728



6.6662, 7.4472, 7.6769



10.6895, 19.9438, 7.9881



0.2121, 0.3650, 0.2531

Inverse Universe

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



27.0700, 24.4404, 30.0802



46.7692, 40.4319, 51.3027



25.8729, 23.9616, 23.7761



6.7804, 6.7051, 7.6949



12.7338, 6.3981, 8.1154



0.2488, 0.1228, 0.2561

Previews

White Background



This preview shows how the XYZ color 25.9827, 31.5003, 29.9100 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 25.9827, 31.5003, 29.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

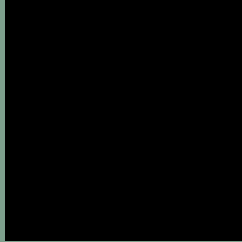
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9827, 31.5003, 29.9100

Background



This preview shows how black text looks on a background with the XYZ color 25.9827, 31.5003, 29.9100.



This preview shows how white text looks on a background with the XYZ color 25.9827, 31.5003,

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

25.9827, 31.5003, 29.9100

Protanopia

29.6111, 31.1799, 27.7502

Deuteranopia

32.0453, 31.4271, 30.7626



Tritanopia

28.4100, 31.4668, 42.1125

Trichromacy



Original Color

25.9827, 31.5003, 29.9100

Protanomaly

27.9971, 31.0572, 28.5638

Deuteranomaly

29.5126, 31.3097, 30.4745

Tritanomaly

27.3682, 31.2843, 37.3969

Monochromacy



Original Color

25.9827, 31.5003, 29.9100

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.1543, 30.0763, 31.1622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9827, 31.5003, 29.9100 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(126, 160, 141)` looks like.

```
.text, #text, p{  
    color:rgb(126, 160, 141)  
}
```

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(126, 160, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 160, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.9827, 31.5003, 29.9100 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(126, 160, 141) }
```


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

```
.border{ border-color:rgb(126, 160, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 160, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 160, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 160, 141);  
box-shadow:4px 4px 4px 4px rgb(126, 160,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9827, 31.5003, 29.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 160, 141) }
```

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

```
.background{ background-color: rgb(126,  
160, 141) }
```

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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