

Converting Colors

XYZ(25.6491, 28.8309, 30.9773)

Have a look what the booklet for
XYZ(25.6491, 28.8309, 30.9773)
contains.

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Color

**XYZ(25.6900, 28.8436,
31.0014)**

Conversions

Conversions Part 1

Format	Color
Hex	859691
RGB	133, 150, 145
RGB Percent	52%, 59%, 57%
CMY	0.4784, 0.4118, 0.4314
CMYK	0.11, 0.00, 0.03, 0.41
HSL	162°, 7%, 55%
HSV	162°, 11%, 59%
XYZ	25.6900, 28.8436, 31.0014
YIQ	144.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

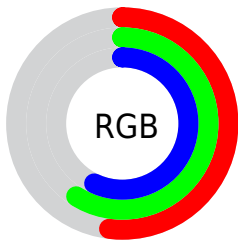
Format	Color
R_{YB}	133, 143, 150
Decimal	8754833
CIE _{Lab}	60.64, -7.08, 0.57
CIE _{LCh}	61, 7.102, 175.400
Yxy	28.8436, 0.3003, 0.3372
Android (android.graphics.Color)	4286944913 (0xFF859691)
YUV	144.3470, 0.3219, -9.9513
Hunter-Lab	53.7062, -8.6017, 3.3698

Details

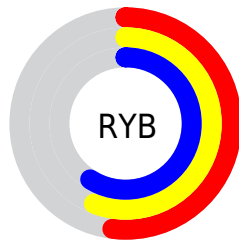
The XYZ color **25.6900, 28.8436, 31.0014** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5537, 25.0947, 27.5429**, and the grayscale version is **26.6510, 28.0390, 30.5344**.

A 20% lighter version of the original color is **52.1514, 57.7484, 62.4307**, and **10.0947, 11.5889, 12.5313** is the 20% darker color. If you saturate the color by 10%, you get **23.1553, 27.5763, 29.1411**, and if you desaturate by 10%, it is **28.5778, 30.2930, 32.9485**.

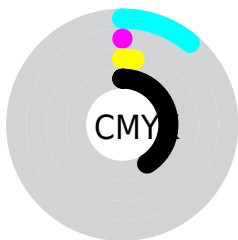
Distribution



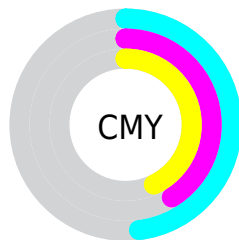
- Red (52%)
- Green (59%)
- Blue (57%)



- Red (52%)
- Yellow (56%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (48%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6900, 28.8436, 31.0014 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 25.6900, 28.8436, 31.0014 by changing the saturation by 10% instead.

■ 25.6900, 28.8436,
31.0014

■ 25.6900, 28.8436,
31.0014

273.5417,
296.4763, 320.8962

■ 16.7233, 18.9625,
20.3414

■ 52.2093, 57.8285,
62.3219

■ 10.1315, 11.6432,
12.4569

■ 70.4926, 77.7011,
83.8195

■ 5.5492, 6.5012,
6.9294

■ 92.6122, 101.6731,
109.7667

■ 2.6110, 3.1522,
3.3402

118.9334,
130.1287, 140.5821

■ 0.9516, 1.2117,
1.2709

149.8216,
163.4525, 176.6842

■ 0.0000, 0.0712,
0.0377

185.6422,

■ 0.0000, 0.0000,

202.0287, 218.4916

0.0000

226.7604,
246.2419, 266.4227

■ 25.6900, 28.8436,
31.0014

■ 25.6900, 28.8436,
31.0014

■ 23.1553, 27.5763,
29.1411

■ 28.5778, 30.2930,
32.9485

■ 20.9568, 26.4799,
27.3641

■ 31.8299, 31.9279,
34.9818

■ 19.0799, 25.5479,
25.6697

■ 35.4598, 33.7560,
37.1033

■ 17.5080, 24.7717,
24.0563

■ 39.4797, 35.7836,
39.3144

■ 16.2228, 24.1418,
22.5221

■ 43.9014, 38.0166,
41.6163

■ 15.2042, 23.6478,
21.0654

■ 48.7359, 40.4609,
44.0102

■ 14.4291, 23.2780,
19.6843

■ 53.9940, 43.1220,
46.4973

■ 13.8707, 23.0185,
18.3766

■ 59.6859, 46.0050,
49.0789

■ 13.5017, 22.8517,
17.2994

■ 60.8745, 46.5649,
51.5244

Harmonies

Analogous

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



25.9851, 28.8436, 28.6171



25.6900, 28.8436, 31.0014



25.8485, 28.8436, 33.6283

Triad

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



25.6900, 28.8436, 31.0014



28.1804, 28.8436, 36.2059



28.4313, 28.8436, 27.4192

Complementary

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



25.6900, 28.8436, 31.0014



25.5537, 25.0947, 27.5429

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.



29.0434, 28.8436, 29.2834



25.6900, 28.8436, 31.0014



28.8963, 28.8436, 34.3699

Square

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



25.6900, 28.8436, 31.0014



27.2734, 28.8436, 36.7286



29.2155, 28.8436, 31.8137



27.5570, 28.8436, 26.6238

Rectangle

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



25.6900, 28.8436, 31.0014



26.1921, 28.8436, 35.1512



29.2155, 28.8436, 31.8137



28.6753, 28.8436, 27.9364

Sweetspot

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



25.6908, 28.8448, 31.0020



49.5072, 52.9939, 57.5407



25.6387, 28.9193, 26.4212



10.8824, 11.6994, 12.6930



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.6908, 28.8448, 31.0020



43.9571, 50.2114, 53.7276



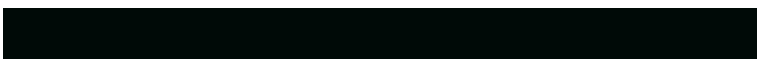
25.5504, 27.9329, 32.9006



5.8921, 6.5334, 7.0429



11.2119, 18.9575, 14.4230



0.1502, 0.2372, 0.2446

Inverse Universe

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



25.5537, 25.0947, 27.5429



43.6584, 42.0403, 46.1914



25.6728, 25.8994, 25.8365



5.8668, 5.8418, 6.4049



10.8235, 5.5344, 2.5514



0.1441, 0.0724, 0.0926

Previews

White Background



This preview shows how the XYZ color 25.6900, 28.8436, 31.0014 looks on a white background.

Color Contrast Check

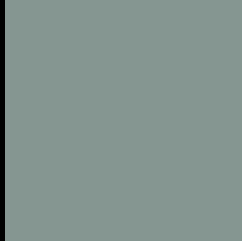
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6900, 28.8436, 31.0014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

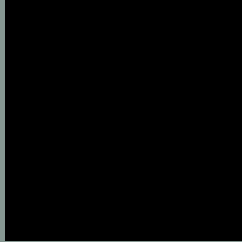
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6900, 28.8436, 31.0014

Background



This preview shows how black text looks on a background with the XYZ color 25.6900, 28.8436, 31.0014.



This preview shows how white text looks on a background with the XYZ color 25.6900, 28.8436,

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

25.6900, 28.8436, 31.0014

Protanopia

27.4023, 28.5934, 29.6660

Deuteranopia

29.2885, 28.6299, 31.5862



Tritanopia

27.0884, 28.9521, 37.4183

Trichromacy



Original Color

25.6900, 28.8436, 31.0014

Protanomaly

26.7193, 28.6902, 30.1161

Deuteranomaly

27.7392, 28.5059, 31.2343

Tritanomaly

26.6555, 29.0123, 35.2054

Monochromacy



Original Color

25.6900, 28.8436, 31.0014

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1281, 28.1468, 30.4413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6900, 28.8436, 31.0014 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(133, 150, 145)` looks like.

```
.text, #text, p{  
    color:rgb(133, 150, 145)  
}
```

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(133, 150, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 150, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.6900, 28.8436, 31.0014 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(133, 150, 145) }
```


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

```
.border{ border-color:rgb(133, 150, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 150, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 150, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 150, 145);  
box-shadow:4px 4px 4px 4px rgb(133, 150,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6900, 28.8436, 31.0014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 150, 145) }
```

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

```
.background{ background-color: rgb(133,  
150, 145) }
```

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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