

Converting Colors

XYZ(24.3106, 26.7998, 30.5126)

Have a look what the booklet for
XYZ(24.3106, 26.7998, 30.5126)
contains.

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Color

**XYZ(24.2900, 26.7367,
30.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	829091
RGB	130, 144, 145
RGB Percent	51%, 56%, 57%
CMY	0.4902, 0.4353, 0.4314
CMYK	0.10, 0.01, 0.00, 0.43
HSL	184°, 6%, 54%
HSV	184°, 10%, 57%
XYZ	24.2900, 26.7367, 30.6685
YIQ	139.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

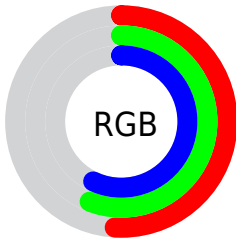
Format	Color
R_{YB}	130, 137, 145
Decimal	8556689
CIE _{Lab}	58.73, -4.81, -2.26
CIE _{LCh}	59, 5.317, 205.119
Yxy	26.7367, 0.2973, 0.3273
Android (android.graphics.Color)	4286746769 (0xFF829091)
YUV	139.9280, 2.5005, -8.7069
Hunter-Lab	51.7075, -6.6365, 1.0295

Details

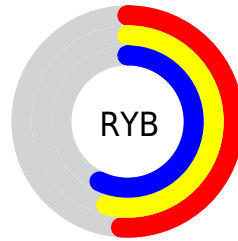
The XYZ color **24.2900, 26.7367, 30.6685** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.8227, 23.8638, 24.4701**, and the grayscale version is **24.8929, 26.1893, 28.5201**.

A 20% lighter version of the original color is **50.0313, 54.5790, 61.9307**, and **9.4616, 10.5810, 12.3701** is the 20% darker color. If you saturate the color by 10%, you get **22.0755, 25.3799, 30.5237**, and if you desaturate by 10%, it is **26.8207, 28.2598, 30.8295**.

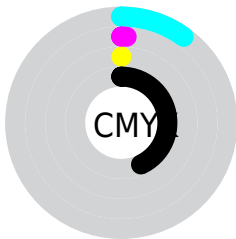
Distribution



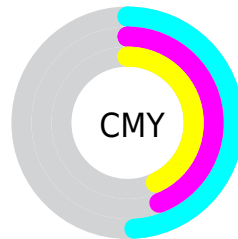
- Red (51%)
- Green (56%)
- Blue (57%)



- Red (51%)
- Yellow (54%)
- Blue (57%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (49%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2900, 26.7367, 30.6685 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 24.2900, 26.7367, 30.6685 by changing the saturation by 10% instead.

■ 24.2900, 26.7367,
30.6685

■ 24.2900, 26.7367,
30.6685

266.6967,
286.3800, 319.3119

■ 15.6748, 17.3756,
20.0902

■ 49.9543, 54.4611,
61.7912

■ 9.3837, 10.5026,
12.2759

■ 67.7340, 73.5931,
83.1727

■ 5.0514, 5.7335,
6.8071

■ 89.2993, 96.7509,
108.9924

■ 2.3125, 2.6837,
3.2651

115.0156,
124.3188, 139.6688

■ 0.8011, 0.9689,
1.2315

145.2481,
156.6813, 175.6204

■ 0.0000, 0.0000,
0.0047

180.3622,

■ 0.0000, 0.0000,

194.2227, 217.2657

0.0000

220.7233,
237.3275, 265.0234

■ 24.2900, 26.7367,
30.6685

■ 24.2900, 26.7367,
30.6685

■ 22.0755, 25.3799,
30.5237

■ 26.8207, 28.2598,
30.8295

■ 20.1620, 24.1794,
30.3929

■ 29.6776, 29.9522,
31.0056

■ 18.5361, 23.1290,
30.2758

■ 32.8732, 31.8211,
31.1979

■ 17.1829, 22.2210,
30.1719

■ 36.4184, 33.8720,
31.4069

■ 16.0859, 21.4470,
30.0803

■ 40.3237, 36.1105,
31.6332

■ 15.2269, 20.7974,
30.0002

■ 44.5994, 38.5418,
31.8771

■ 14.5853, 20.2618,
29.9306

■ 49.2551, 41.1709,
32.1392

■ 14.1369, 19.8276,
29.8704

■ 54.3001, 44.0025,
32.4198

■ 13.8249, 19.4724,
29.8183

■ 57.6902, 45.9829,
32.6234

Harmonies

Analogous

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



24.1791, 26.7367, 28.8061



24.2900, 26.7367, 30.6685



24.6996, 26.7367, 32.1693

Triad

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



24.2900, 26.7367, 30.6685



26.4588, 26.7367, 31.2217



25.5197, 26.7367, 25.6665

Complementary

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



24.2900, 26.7367, 30.6685



23.8227, 23.8638, 24.4701

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.



26.1389, 26.7367, 26.2543



24.2900, 26.7367, 30.6685



26.6870, 26.7367, 29.4195

Square

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



24.2900, 26.7367, 30.6685



25.9504, 26.7367, 32.4982



26.5689, 26.7367, 27.6085



24.8820, 26.7367, 25.9690

Rectangle

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



24.2900, 26.7367, 30.6685



25.0906, 26.7367, 32.7355



26.5689, 26.7367, 27.6085



25.7370, 26.7367, 25.7658

Sweetspot

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



24.2908, 26.7378, 30.6691



46.7429, 49.8380, 55.1296



23.4115, 26.6289, 25.2904



10.3203, 11.0401, 12.2592



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.2908, 26.7378, 30.6691



42.7019, 47.3972, 54.8715



23.2273, 24.6109, 30.3146



5.5300, 6.0558, 6.9062



11.8653, 16.7167, 25.5784



0.1194, 0.1718, 0.2465

Inverse Universe

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



24.6943, 23.9991, 29.7177



43.5488, 41.6695, 52.8705



24.8311, 25.8806, 24.8062



5.6110, 5.5049, 6.7155



13.7922, 6.6739, 20.3548



0.1349, 0.0650, 0.2105

Previews

White Background



This preview shows how the XYZ color 24.2900, 26.7367, 30.6685 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 24.2900, 26.7367, 30.6685 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

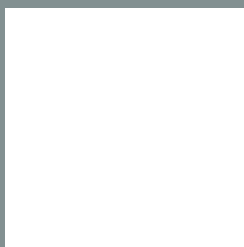
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2900, 26.7367, 30.6685

Background



This preview shows how black text looks on a background with the XYZ color 24.2900, 26.7367, 30.6685.



This preview shows how white text looks on a background with the XYZ color 24.2900, 26.7367,

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

24.2900, 26.7367, 30.6685

Protanopia

25.6637, 26.5790, 29.7642

Deuteranopia

27.0829, 26.6420, 30.9091



Tritanopia

25.1709, 26.8835, 34.4342

Trichromacy



Original Color

24.2900, 26.7367, 30.6685

Protanomaly

25.0402, 26.4666, 30.1744

Deuteranomaly

26.0680, 26.7608, 30.9855

Tritanomaly

24.7684, 26.7046, 33.1272

Monochromacy



Original Color

24.2900, 26.7367, 30.6685

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5607, 26.2370, 29.3609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2900, 26.7367, 30.6685 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(130, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(130, 144, 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(130, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.2900, 26.7367, 30.6685 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(130, 144, 145) }
```


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

```
.border{ border-color:rgb(130, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(130, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2900, 26.7367, 30.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 144, 145) }
```

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

```
.background{ background-color: rgb(130,  
144, 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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