

Converting Colors

XYZ(26.6206, 28.9461, 36.1699)

Have a look what the booklet for
XYZ(26.6206, 28.9461, 36.1699)
contains.

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Color

**XYZ(26.6648, 28.9975,
36.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	86959D
RGB	134, 149, 157
RGB Percent	53%, 58%, 62%
CMY	0.4745, 0.4157, 0.3843
CMYK	0.15, 0.05, 0.00, 0.38
HSL	201°, 11%, 57%
HSV	201°, 15%, 62%
XYZ	26.6648, 28.9975, 36.0900
YIQ	145.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

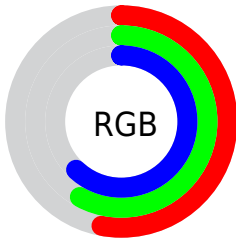
Format	Color
R_YB	134, 143, 157
Decimal	8820125
CIE Lab	60.78, -3.63, -6.03
CIE LCh	61, 7.040, 238.982
Yxy	28.9975, 0.2906, 0.3160
Android (android.graphics.Color)	4287010205 (0xFF86959D)
YUV	145.4270, 5.7055, -10.0215
Hunter-Lab	53.8493, -5.8477, -2.0418

Details

The XYZ color **26.6648, 28.9975, 36.0900** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8811, 28.2355, 26.5355**, and the grayscale version is **27.0689, 28.4786, 31.0132**.

A 20% lighter version of the original color is **53.7331, 58.0301, 70.6563**, and **10.6254, 11.6608, 15.3264** is the 20% darker color. If you saturate the color by 10%, you get **23.5024, 26.1155, 35.7009**, and if you desaturate by 10%, it is **30.2410, 32.1544, 36.5113**.

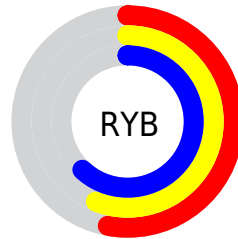
Distribution



Red (53%)

Green (58%)

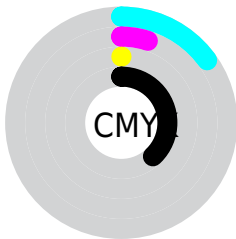
Blue (62%)



Red (53%)

Yellow (56%)

Blue (62%)

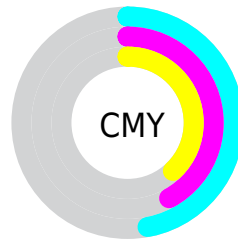


Cyan (15%)

Magenta (5%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6648, 28.9975, 36.0900 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 26.6648, 28.9975, 36.0900 by changing the saturation by 10% instead.

■ 26.6648, 28.9975,
36.0900

■ 26.6648, 28.9975,
36.0900

278.2277,
297.2032, 344.4030

■ 17.4569, 19.0789,
24.2135

■ 53.7692, 58.0731,
70.3416

■ 10.6581, 11.7273,
15.2784

■ 72.3964, 77.9989,
93.5537

■ 5.9030, 6.5583,
8.8662

■ 94.8942, 102.0293,
121.3814

■ 2.8263, 3.1874,
4.5584

121.6277,
130.5486, 154.2433

■ 1.0626, 1.2304,
1.9364

152.9625,
163.9413, 192.5578

■ 0.0000, 0.0863,
0.5158

189.2639,

■ 0.0000, 0.0000,

202.5917, 236.7436

0.0000

230.8972,
246.8842, 287.2192

■ 26.6648, 28.9975,
36.0900

■ 26.6648, 28.9975,
36.0900

■ 23.5024, 26.1155,
35.7009

■ 30.2410, 32.1544,
36.5113

■ 20.7343, 23.4953,
35.3410

■ 34.2441, 35.5917,
36.9638

■ 18.3433, 21.1281,
35.0101

■ 38.6902, 39.3189,
37.4489

■ 16.3098, 19.0027,
34.7070

■ 43.5933, 43.3442,
37.9674

■ 14.6123, 17.1073,
34.4307

■ 48.9670, 47.6754,
38.5202

■ 13.2269, 15.4287,
34.1797

■ 54.8243, 52.3199,
39.1080

■ 12.1260, 13.9517,
33.9526

■ 61.1777, 57.2848,
39.7314

■ 11.2758, 12.6580,
33.7477

■ 66.3255, 61.6935,
40.3111

■ 10.8770, 12.0166,
33.6449

■ 67.5522, 64.1471,
40.7200

Harmonies

Analogous

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



26.0511, 28.9975, 34.0775



26.6648, 28.9975, 36.0900



27.5300, 28.9975, 36.8823

Triad

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



26.6648, 28.9975, 36.0900



29.3575, 28.9975, 31.6629



26.7178, 28.9975, 27.3687

Complementary

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



26.6648, 28.9975, 36.0900



27.8811, 28.2355, 26.5355

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.



27.5925, 28.9975, 26.8000



26.6648, 28.9975, 36.0900



29.1287, 28.9975, 29.1950

Square

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



26.6648, 28.9975, 36.0900



29.0962, 28.9975, 34.2409



28.4776, 28.9975, 27.4502



26.0812, 28.9975, 29.0481

Rectangle

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



26.6648, 28.9975, 36.0900



28.1373, 28.9975, 36.5802



28.4776, 28.9975, 27.4502



26.9931, 28.9975, 27.0456

Sweetspot

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



26.6657, 28.9987, 36.0906



54.5469, 57.9230, 65.4321



26.7466, 31.1258, 30.0590



11.8963, 12.6531, 14.3857



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.6657, 28.9987, 36.0906



45.5758, 49.9679, 64.3694



24.9826, 25.6325, 35.5296



6.6275, 7.1208, 8.4318



8.8695, 9.8305, 27.3372



0.1967, 0.2520, 0.5015

Inverse Universe

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



27.8553, 26.3890, 32.0605



48.2013, 44.3493, 55.4431



29.6268, 31.7270, 27.1174



6.8061, 6.7154, 7.8299



13.2751, 6.6146, 10.9657



0.2566, 0.1260, 0.2974

Previews

White Background



This preview shows how the XYZ color 26.6648, 28.9975, 36.0900 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 26.6648, 28.9975, 36.0900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

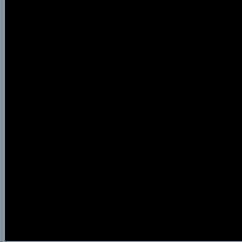
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

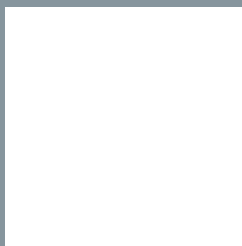
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6648, 28.9975, 36.0900

Background



This preview shows how black text looks on a background with the XYZ color 26.6648, 28.9975, 36.0900.

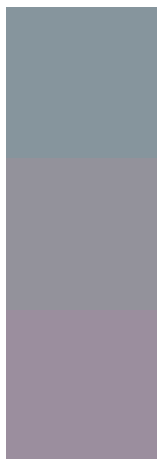


This preview shows how white text looks on a background with the XYZ color 26.6648, 28.9975,

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

26.6648, 28.9975, 36.0900

Protanopia

28.2279, 29.1274, 35.1447

Deuteranopia

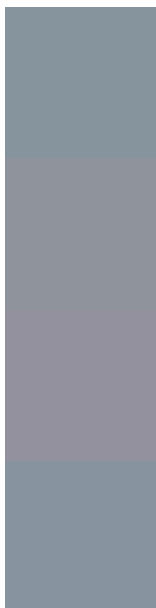
29.3621, 28.7832, 36.3559



Tritanopia

26.9267, 28.8688, 37.4107

Trichromacy



Original Color

26.6648, 28.9975, 36.0900

Protanomaly

27.5898, 29.0185, 35.5995

Deuteranomaly

28.3296, 28.9225, 36.4372

Tritanomaly

26.8396, 28.8339, 36.9518

Monochromacy



Original Color

26.6648, 28.9975, 36.0900

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.6882, 28.3904, 32.5070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6648, 28.9975, 36.0900 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(134, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(134, 149, 157)  
}
```

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(134, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 149, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.6648, 28.9975, 36.0900 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(134, 149, 157) }
```


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

```
.border{ border-color:rgb(134, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(134, 149,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6648, 28.9975, 36.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 149, 157) }
```

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

```
.background{ background-color: rgb(134,  
149, 157) }
```

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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