

Converting Colors

XYZ(26.8996, 28.6713, 37.9848)

Have a look what the booklet for
XYZ(26.8996, 28.6713, 37.9848)
contains.

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Color

**XYZ(26.8584, 28.5915,
37.8213)**

Conversions

Conversions Part 1

Format	Color
Hex	8793A1
RGB	135, 147, 161
RGB Percent	53%, 58%, 63%
CMY	0.4706, 0.4235, 0.3686
CMYK	0.16, 0.09, 0.00, 0.37
HSL	212°, 12%, 58%
HSV	212°, 16%, 63%
XYZ	26.8584, 28.5915, 37.8213
YIQ	145.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

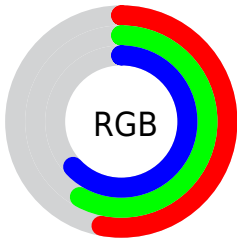
Format	Color
R_{YB}	135, 143, 161
Decimal	8885153
CIE Lab	60.42, -1.29, -8.83
CIE LCh	60, 8.926, 261.718
Yxy	28.5915, 0.2880, 0.3065
Android (android.graphics.Color)	4287075233 (0xFF8793A1)
YUV	145.0080, 7.8841, -8.7770
Hunter-Lab	53.4710, -3.9140, -4.5075

Details

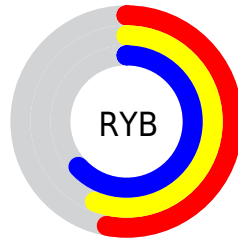
The XYZ color **26.8584, 28.5915, 37.8213** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8188, 30.8212, 27.2998**, and the grayscale version is **26.8899, 28.2903, 30.8081**.

A 20% lighter version of the original color is **54.0204, 57.4225, 73.2022**, and **10.7813, 11.5848, 16.1359** is the 20% darker color. If you saturate the color by 10%, you get **23.1640, 24.7614, 37.2772**, and if you desaturate by 10%, it is **31.0479, 32.8291, 38.4189**.

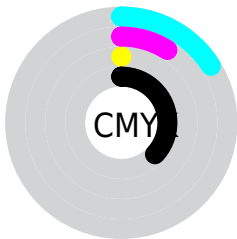
Distribution



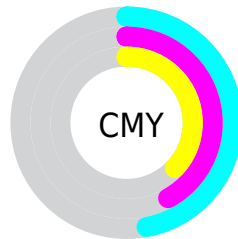
- Red (53%)
- Green (58%)
- Blue (63%)



- Red (53%)
- Yellow (56%)
- Blue (63%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (47%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8584, 28.5915, 37.8213 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 26.8584, 28.5915, 37.8213 by changing the saturation by 10% instead.

■ 26.8584, 28.5915,
37.8213

■ 26.8584, 28.5915,
37.8213

279.1509,
295.2826, 352.1279

■ 17.6029, 18.7720,
25.5433

■ 54.0781, 57.4274,
73.0345

■ 10.7633, 11.5057,
16.2596

■ 72.7730, 77.2127,
96.8068

■ 5.9740, 6.4080,
9.5517

■ 95.3451, 101.0886,
125.2476

■ 2.8698, 3.0947,
5.0010

122.1597,
129.4396, 158.7754

■ 1.0853, 1.1814,
2.1891

153.5823,
162.6501, 197.8088

■ 0.0127, 0.0464,
0.6681

189.9781,

■ 0.0000, 0.0000,

201.1046, 242.7664

0.0000

231.7125,
245.1873, 294.0666

■ 26.8584, 28.5915,
37.8213

■ 26.8584, 28.5915,
37.8213

■ 23.1640, 24.7614,
37.2772

■ 31.0479, 32.8291,
38.4189

■ 19.9423, 21.3218,
36.7831

■ 35.7484, 37.4833,
39.0695

■ 17.1730, 18.2595,
36.3380

■ 40.9785, 42.5677,
39.7752

■ 14.8332, 15.5592,
35.9401

■ 46.7548, 48.0937,
40.5374

■ 12.8978, 13.2042,
35.5875

■ 53.0932, 54.0726,
41.3574

■ 11.3390, 11.1763,
35.2783

■ 60.0091, 60.5150,
42.2364

■ 10.1245, 9.4550,
35.0100

■ 67.5171, 67.4314,
43.1757

■ 9.2108, 8.0135,
34.7799

■ 72.3184, 73.1238,
44.0213

■ 8.9032, 7.5135,
34.6996

■ 74.6029, 77.6927,
44.7828

Harmonies

Analogous

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



25.8296, 28.5915, 36.3665



26.8584, 28.5915, 37.8213



28.0011, 28.5915, 37.3867

Triad

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



26.8584, 28.5915, 37.8213



29.2798, 28.5915, 28.8482



25.4778, 28.5915, 27.3738

Complementary

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



26.8584, 28.5915, 37.8213



29.8188, 30.8212, 27.2998

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.



26.3660, 28.5915, 25.6157



26.8584, 28.5915, 37.8213



28.5671, 28.5915, 26.4242

Square

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



26.8584, 28.5915, 37.8213



29.4206, 28.5915, 32.0515



27.4948, 28.5915, 25.2807



25.0473, 28.5915, 30.2288

Rectangle

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



26.8584, 28.5915, 37.8213



28.6722, 28.5915, 36.0967



27.4948, 28.5915, 25.2807



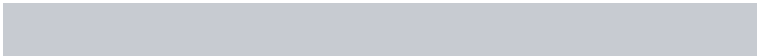
25.7316, 28.5915, 26.6435

Sweetspot

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



26.8593, 28.5927, 37.8219



56.4475, 59.6367, 68.9225



28.1513, 32.8068, 33.2271



12.2641, 12.9637, 15.0995



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.



26.8593, 28.5927, 37.8219



45.8843, 48.9272, 67.4121



25.2293, 25.1249, 37.2385



6.9573, 7.3736, 8.9596



7.1507, 6.0807, 27.7266



0.1974, 0.2221, 0.5983

Inverse Universe

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



28.6290, 27.0123, 31.3100



49.6258, 45.7024, 53.6192



31.6424, 34.7268, 27.9575



7.2034, 7.1378, 8.0576



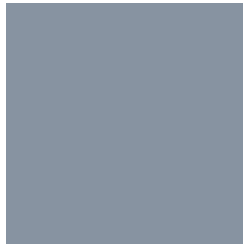
12.7548, 6.4580, 5.8993



0.2918, 0.1452, 0.2493

Previews

White Background



This preview shows how the XYZ color 26.8584, 28.5915, 37.8213 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 26.8584, 28.5915, 37.8213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

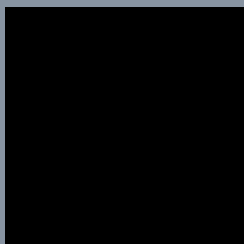
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

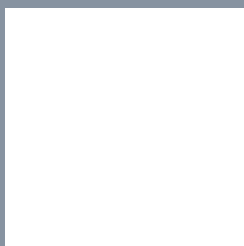
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8584, 28.5915, 37.8213

Background



This preview shows how black text looks on a background with the XYZ color 26.8584, 28.5915, 37.8213.



This preview shows how white text looks on a background with the XYZ color 26.8584, 28.5915,

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

26.8584, 28.5915, 37.8213

Protanopia

27.8850, 28.6833, 36.8676

Deuteranopia

29.1435, 28.6300, 38.1725



Tritanopia

26.6834, 28.5215, 36.8997

Trichromacy



Original Color

26.8584, 28.5915, 37.8213

Protanomaly

27.6086, 28.7586, 37.3535

Deuteranomaly

28.3489, 28.6661, 38.2214

Tritanomaly

26.7706, 28.5564, 37.3587

Monochromacy



Original Color

26.8584, 28.5915, 37.8213

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8493, 28.4549, 33.3554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8584, 28.5915, 37.8213 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(135, 147, 161)` looks like.

```
.text, #text, p{  
    color:rgb(135, 147, 161)  
}
```

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(135, 147, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 147, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.8584, 28.5915, 37.8213 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(135, 147, 161) }
```


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

```
.border{ border-color:rgb(135, 147, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 147, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 147, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 147, 161);  
box-shadow:4px 4px 4px 4px rgb(135, 147,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8584, 28.5915, 37.8213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 147, 161) }
```

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

```
.background{ background-color: rgb(135,  
147, 161) }
```

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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