

Converting Colors

XYZ(26.7304, 28.1233, 37.6130)

Have a look what the booklet for
XYZ(26.7304, 28.1233, 37.6130)
contains.

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Color

**XYZ(26.7118, 28.0582,
37.7261)**

Conversions

Conversions Part 1

Format	Color
Hex	8891A1
RGB	136, 145, 161
RGB Percent	53%, 57%, 63%
CMY	0.4667, 0.4314, 0.3686
CMYK	0.16, 0.10, 0.00, 0.37
HSL	218°, 12%, 58%
HSV	218°, 16%, 63%
XYZ	26.7118, 28.0582, 37.7261
YIQ	144.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

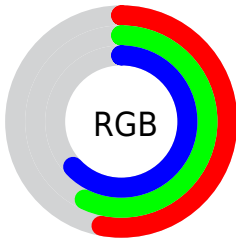
Format	Color
RYB	136, 143, 161
Decimal	8950177
CIELab	59.94, 0.18, -9.54
CIElCh	60, 9.541, 271.064
Yxy	28.0582, 0.2888, 0.3033
Android (android.graphics.Color)	4287140257 (0xFF8891A1)
YUV	144.1330, 8.3154, -7.1326
Hunter-Lab	52.9700, -2.6832, -5.1483

Details

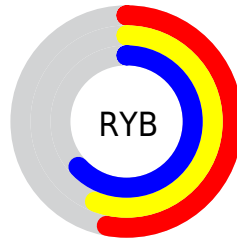
The XYZ color **26.7118, 28.0582, 37.7261** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3705, 31.8113, 27.8328**, and the grayscale version is **26.5341, 27.9159, 30.4004**.

A 20% lighter version of the original color is **53.8044, 56.6235, 73.0594**, and **10.6903, 11.2670, 16.0793** is the 20% darker color. If you saturate the color by 10%, you get **22.7874, 23.8036, 37.1122**, and if you desaturate by 10%, it is **31.1735, 32.8032, 38.4073**.

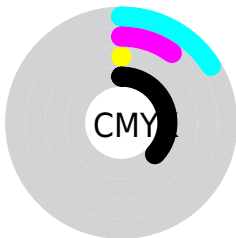
Distribution



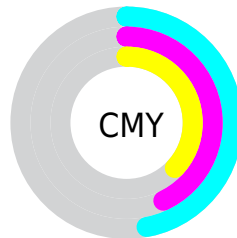
- Red (53%)
- Green (57%)
- Blue (63%)



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



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (37%)



- Cyan (47%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7118, 28.0582, 37.7261 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 26.7118, 28.0582, 37.7261 by changing the saturation by 10% instead.

■ 26.7118, 28.0582,
37.7261

■ 26.7118, 28.0582,
37.7261

278.4521,
292.7449, 351.7064

■ 17.4924, 18.3695,
25.4700

■ 53.8442, 56.5773,
72.8869

■ 10.6836, 11.2156,
16.2054

■ 72.4879, 76.1766,
96.6286

■ 5.9202, 6.2121,
9.5137

■ 95.0037, 99.8482,
125.0360

■ 2.8368, 2.9745,
4.9764

121.7570,
127.9765, 158.5276

■ 1.0681, 1.1184,
2.1749

153.1131,
160.9460, 197.5219

■ 0.0000, 0.0000,
0.6598

189.4374,

■ 0.0000, 0.0000,

199.1409, 242.4374

0.0000

231.0953,
242.9458, 293.6928

■ 26.7118, 28.0582,
37.7261

■ 26.7118, 28.0582,
37.7261

■ 22.7874, 23.8036,
37.1122

■ 31.1735, 32.8032,
38.4073

■ 19.3765, 20.0193,
36.5615

■ 36.1900, 38.0509,
39.1558

■ 16.4573, 16.6891,
36.0726

■ 41.7810, 43.8174,
39.9741

■ 14.0052, 13.7941,
35.6430

■ 47.9646, 50.1169,
40.8642

■ 11.9935, 11.3141,
35.2704

■ 54.7579, 56.9633,
41.8276

■ 10.3924, 9.2271,
34.9519

■ 62.1776, 64.3697,
42.8661

■ 9.1681, 7.5084,
34.6847

■ 70.2394, 72.3489,
43.9813

■ 8.2774, 6.1281,
34.4652

■ 75.2596, 79.0063,
45.0018

■ 7.9446, 5.5962,
34.3801

■ 78.1697, 84.8264,
45.9718

Harmonies

Analogous

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



25.5561, 28.0582, 36.7759



26.7118, 28.0582, 37.7261



27.8899, 28.0582, 36.6357

Triad

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



26.7118, 28.0582, 37.7261



28.7162, 28.0582, 27.2326



24.6793, 28.0582, 27.4320

Complementary

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



26.7118, 28.0582, 37.7261



30.3705, 31.8113, 27.8328

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.



25.4832, 28.0582, 25.1796



26.7118, 28.0582, 37.7261



27.8127, 28.0582, 25.0708

Square

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



26.7118, 28.0582, 37.7261



29.0686, 28.0582, 30.4268



26.6252, 28.0582, 24.3480



24.4043, 28.0582, 30.6748

Rectangle

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



26.7118, 28.0582, 37.7261



28.5238, 28.0582, 34.9428



26.6252, 28.0582, 24.3480



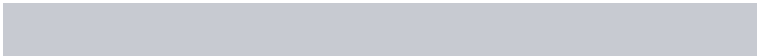
24.8954, 28.0582, 26.5428

Sweetspot

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



26.7126, 28.0594, 37.7267



56.1968, 59.1354, 68.8389



28.5527, 32.9861, 34.4969



12.2024, 12.8402, 15.0789



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.



26.7126, 28.0594, 37.7267



45.0361, 47.2308, 67.1293



25.9411, 25.7000, 37.3120



6.8995, 7.2580, 8.9404



6.3808, 4.5410, 27.4700



0.1777, 0.1827, 0.5918

Inverse Universe

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



28.6136, 27.2305, 30.5372



49.1976, 45.5312, 51.3647



31.2244, 34.5031, 28.3074



7.1742, 7.1261, 7.9039



12.3662, 6.3025, 3.8531



0.2819, 0.1412, 0.1970

Previews

White Background



This preview shows how the XYZ color 26.7118, 28.0582, 37.7261 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 26.7118, 28.0582, 37.7261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

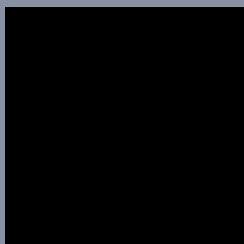
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

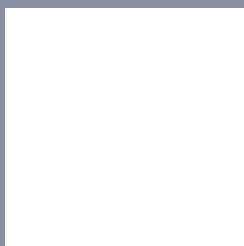
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7118, 28.0582, 37.7261

Background



This preview shows how black text looks on a background with the XYZ color 26.7118, 28.0582, 37.7261.



This preview shows how white text looks on a background with the XYZ color 26.7118, 28.0582,

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

26.7118, 28.0582, 37.7261

Protanopia

27.3230, 27.9338, 37.2094

Deuteranopia

28.4773, 27.8488, 38.0569



Tritanopia

26.3564, 28.1430, 35.9413

Trichromacy



Original Color

26.7118, 28.0582, 37.7261

Protanomaly

27.1336, 28.0600, 37.2437

Deuteranomaly

27.8716, 27.9744, 38.1130

Tritanomaly

26.4421, 28.1773, 36.3929

Monochromacy



Original Color

26.7118, 28.0582, 37.7261

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.4628, 27.8112, 32.8275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7118, 28.0582, 37.7261 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(136, 145, 161) looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 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(136, 145, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.7118, 28.0582, 37.7261 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(136, 145, 161) }
```


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

```
.border{ border-color:rgb(136, 145, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 145, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 161);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7118, 28.0582, 37.7261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 161) }
```

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

```
.background{ background-color: rgb(136,  
145, 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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