

Converting Colors

XYZ(25.7645, 26.4595, 37.6325)

Have a look what the booklet for
XYZ(25.7645, 26.4595, 37.6325)
contains.

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Color

**XYZ(25.8028, 26.4803,
37.4695)**

Conversions

Conversions Part 1

Format	Color
Hex	878CA1
RGB	135, 140, 161
RGB Percent	53%, 55%, 63%
CMY	0.4706, 0.4510, 0.3686
CMYK	0.16, 0.13, 0.00, 0.37
HSL	228°, 12%, 58%
HSV	228°, 16%, 63%
XYZ	25.8028, 26.4803, 37.4695
YIQ	140.8990, -9.7210, 5.4710

Conversions

Conversions Part 2

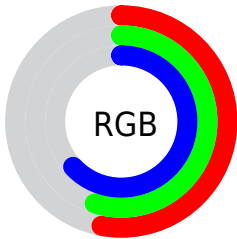
Format	Color
R_{YB}	135, 139, 161
Decimal	8883361
CIE _{Lab}	58.49, 2.67, -11.72
CIE _{LCh}	58, 12.023, 282.850
Yxy	26.4803, 0.2875, 0.2950
Android (android.graphics.Color)	4287073441 (0xFF878CA1)
YUV	140.8990, 9.9098, -5.1734
Hunter-Lab	51.4590, -0.5490, -7.1503

Details

The XYZ color **25.8028, 26.4803, 37.4695** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.9598, 33.1032, 27.6801**, and the grayscale version is **25.2437, 26.5583, 28.9220**.

A 20% lighter version of the original color is **52.2037, 53.7892, 72.5967**, and **10.1628, 10.3478, 15.9297** is the 20% darker color. If you saturate the color by 10%, you get **21.6168, 21.6671, 36.7615**, and if you desaturate by 10%, it is **30.6067, 31.9468, 38.2719**.

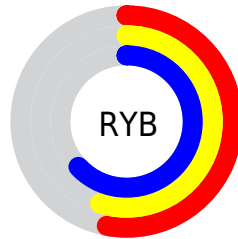
Distribution



Red (53%)

Green (55%)

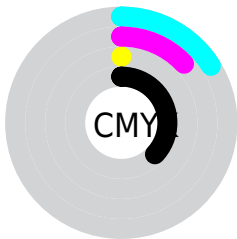
Blue (63%)



Red (53%)

Yellow (55%)

Blue (63%)

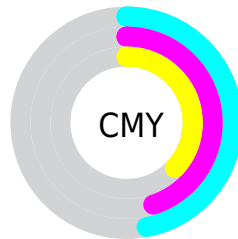


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (37%)



Cyan (47%)

Magenta (45%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8028, 26.4803, 37.4695 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 25.8028, 26.4803, 37.4695 by changing the saturation by 10% instead.

■ 25.8028, 26.4803,
37.4695

■ 25.8028, 26.4803,
37.4695

274.0872,
285.1319, 350.5685

■ 16.8081, 17.1833,
25.2726

■ 52.3902, 54.0488,
72.4887

■ 10.1922, 10.3653,
16.0594

■ 70.7136, 73.0891,
96.1480

■ 5.5898, 5.6418,
9.4114

■ 92.8773, 96.1459,
124.4652

■ 2.6356, 2.6285,
4.9100

119.2466,
123.6036, 157.8588

■ 0.9641, 0.9410,
2.1367

150.1869,
155.8467, 196.7475

■ 0.0000, 0.0000,
0.6375

186.0635,

■ 0.0000, 0.0000,

193.2595, 241.5496

0.0000

227.2418,
236.2265, 292.6837

■ 25.8028, 26.4803,
37.4695

■ 25.8028, 26.4803,
37.4695

■ 21.6168, 21.6671,
36.7615

■ 30.6067, 31.9468,
38.2719

■ 18.0209, 17.4792,
36.1427

■ 36.0500, 38.0864,
39.1700

■ 14.9889, 13.8915,
35.6100

■ 42.1559, 44.9225,
40.1677

■ 12.4915, 10.8759,
35.1596

■ 48.9460, 52.4761,
41.2678

■ 10.4968, 8.4021,
34.7872

■ 56.4406, 60.7674,
42.4732

■ 8.9692, 6.4367,
34.4884

■ 64.6595, 69.8159,
43.7866

■ 7.8683, 4.9425,
34.2580

■ 73.6214, 79.6401,
45.2105

■ 7.1410, 3.8738,
34.0900

■ 80.0316, 88.5502,
46.5925

■ 6.9224, 3.5518,
34.0394

■ 83.4331, 95.3532,
47.7263

Harmonies

Analogous

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



24.3442, 26.4803, 37.2826



25.8028, 26.4803, 37.4695



27.1410, 26.4803, 35.1857

Triad

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



25.8028, 26.4803, 37.4695



27.2990, 26.4803, 23.6688



22.5626, 26.4803, 26.5102

Complementary

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



25.8028, 26.4803, 37.4695



30.9598, 33.1032, 27.6801

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.



23.2944, 26.4803, 23.2942



25.8028, 26.4803, 37.4695



26.0117, 26.4803, 21.7667

Square

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



25.8028, 26.4803, 37.4695



28.0271, 26.4803, 27.0689



24.5451, 26.4803, 21.6366



22.5116, 26.4803, 30.6712

Rectangle

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



25.8028, 26.4803, 37.4695



27.7693, 26.4803, 32.6876



24.5451, 26.4803, 21.6366



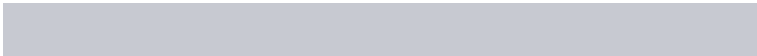
22.7358, 26.4803, 25.2932

Sweetspot

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



25.8036, 26.4814, 37.4701



55.7867, 58.3152, 68.7022



28.7209, 33.0347, 36.2268



12.1015, 12.6384, 15.0453



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.



25.8036, 26.4814, 37.4701



43.6878, 44.5343, 66.6799



26.3907, 25.7236, 37.2929



6.8057, 7.0703, 8.9091



5.5522, 2.8838, 27.1938



0.1452, 0.1177, 0.5809

Inverse Universe

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



28.0962, 26.7991, 28.5041



48.5171, 45.2590, 47.7810



30.2932, 34.0313, 27.8943



7.1269, 7.1072, 7.6546



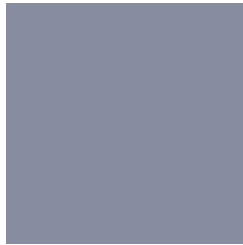
11.9480, 6.1352, 1.6507



0.2655, 0.1347, 0.1106

Previews

White Background



This preview shows how the XYZ color 25.8028, 26.4803, 37.4695 looks on a white background.

Color Contrast Check

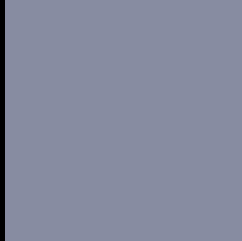
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8028, 26.4803, 37.4695 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 25.8028, 26.4803, 37.4695

Background



This preview shows how black text looks on a background with the XYZ color 25.8028, 26.4803, 37.4695.



This preview shows how white text looks on a background with the XYZ color 25.8028, 26.4803,

37.4695.

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

25.8028, 26.4803, 37.4695

Protanopia

25.9822, 26.3568, 37.4362

Deuteranopia

26.9688, 26.4292, 37.8624



Tritanopia

25.1062, 26.4180, 33.9129

Trichromacy



Original Color

25.8028, 26.4803, 37.4695

Protanomaly

25.8190, 26.2727, 37.4285

Deuteranomaly

26.5946, 26.4483, 37.8858

Tritanomaly

25.3571, 26.5184, 35.2346

Monochromacy



Original Color

25.8028, 26.4803, 37.4695

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5176, 26.6768, 31.8212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8028, 26.4803, 37.4695 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, 140, 161)` looks like.

```
.text, #text, p{  
    color:rgb(135, 140, 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, 140, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 140, 161) }
```

Border

The CSS property to change the border of an element to XYZ 25.8028, 26.4803, 37.4695 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, 140, 161) }
```


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

```
.border{ border-color:rgb(135, 140, 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, 140, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 140, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 140, 161);  
box-shadow:4px 4px 4px 4px rgb(135, 140,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8028, 26.4803, 37.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 140, 161) }
```

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

```
.background{ background-color: rgb(135,  
140, 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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