

Converting Colors

XYZ(25.7659, 27.6778, 42.4865)

Have a look what the booklet for
XYZ(25.7659, 27.6778, 42.4865)
contains.

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Color

**XYZ(25.7979, 27.7090,
42.5168)**

Conversions

Conversions Part 1

Format	Color
Hex	7B92AB
RGB	123, 146, 171
RGB Percent	48%, 57%, 67%
CMY	0.5176, 0.4274, 0.3294
CMYK	0.28, 0.15, 0.00, 0.33
HSL	211°, 22%, 58%
HSV	211°, 28%, 67%
XYZ	25.7979, 27.7090, 42.5168
YIQ	141.9730, -21.7330, 2.8990

Conversions

Conversions Part 2

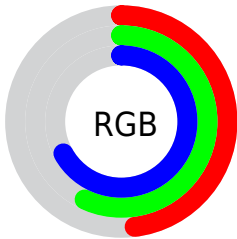
Format	Color
R_{YB}	123, 139, 171
Decimal	8098475
CIE _{Lab}	59.62, -2.24, -15.80
CIE _{LCh}	60, 15.953, 261.936
Yxy	27.7090, 0.2687, 0.2886
Android (android.graphics.Color)	4286288555 (0xFF7B92AB)
YUV	141.9730, 14.3103, -16.6393
Hunter-Lab	52.6393, -4.6382, -11.0410

Details

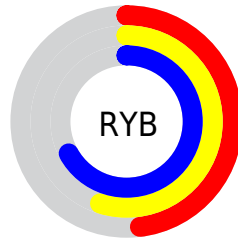
The XYZ color **25.7979, 27.7090, 42.5168** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.9599, 31.2679, 23.1430**, and the grayscale version is **25.6525, 26.9884, 29.3904**.

A 20% lighter version of the original color is **52.2862, 56.0296, 80.0105**, and **10.2603, 11.1141, 19.0572** is the 20% darker color. If you saturate the color by 10%, you get **22.2425, 23.9175, 41.9728**, and if you desaturate by 10%, it is **29.8893, 31.9369, 43.1177**.

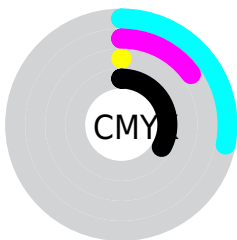
Distribution



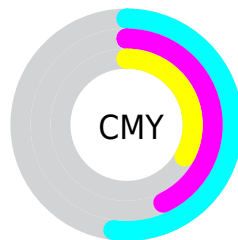
- Red (48%)
- Green (57%)
- Blue (67%)



- Red (48%)
- Yellow (55%)
- Blue (67%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (52%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7979, 27.7090, 42.5168 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 25.7979, 27.7090, 42.5168 by changing the saturation by 10% instead.

■ 25.7979, 27.7090,
42.5168

■ 25.7979, 27.7090,
42.5168

274.0635,
291.0738, 372.4835

■ 16.8044, 18.1064,
29.1776

■ 52.3824, 56.0195,
80.2597

■ 10.1896, 11.0264,
18.9685

■ 70.7040, 75.4962,
105.5005

■ 5.5881, 6.0846,
11.4709

■ 92.8658, 99.0331,
135.5455

■ 2.6345, 2.8966,
6.2664

119.2330,
127.0145, 170.8133

■ 0.9636, 1.0780,
2.9363

150.1710,
159.8249, 211.7225

■ 0.0000, 0.0000,
1.0622

186.0452,

■ 0.0000, 0.0000,

197.8487, 258.6916

0.0000

227.2209,
241.4702, 312.1390

■ 25.7979, 27.7090,
42.5168

■ 25.7979, 27.7090,
42.5168

■ 22.2425, 23.9175,
41.9728

■ 29.8893, 31.9369,
43.1177

■ 19.1958, 20.5427,
41.4820

■ 34.5371, 36.6133,
43.7754

■ 16.6320, 17.5684,
41.0430

■ 39.7637, 41.7536,
44.4921

■ 14.5216, 14.9754,
40.6538

■ 45.5893, 47.3717,
45.2694

■ 12.8317, 12.7427,
40.3119

■ 52.0335, 53.4807,
46.1089

■ 11.5241, 10.8465,
40.0148

■ 59.1144, 60.0932,
47.0121

■ 10.5363, 9.2501,
39.7587

■ 66.8499, 67.2213,
47.9802

■ 10.3639, 8.9665,
39.7131

■ 73.4678, 73.9543,
48.9310

■ 75.8291, 78.6770,
49.7182

Harmonies

Analogous

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



24.0238, 27.7090, 39.7561



25.7979, 27.7090, 42.5168



27.8077, 27.7090, 41.6525

Triad

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



25.7979, 27.7090, 42.5168



30.0886, 27.7090, 26.2196



23.4080, 27.7090, 23.8449

Complementary

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



25.7979, 27.7090, 42.5168



30.9599, 31.2679, 23.1430

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.



24.9183, 27.7090, 21.0199



25.7979, 27.7090, 42.5168



28.7932, 27.7090, 22.2644

Square

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



25.7979, 27.7090, 42.5168



30.3536, 27.7090, 31.7506



26.8827, 27.7090, 20.4805



22.6906, 27.7090, 28.6435

Rectangle

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



25.7979, 27.7090, 42.5168



29.0062, 27.7090, 39.1807



26.8827, 27.7090, 20.4805



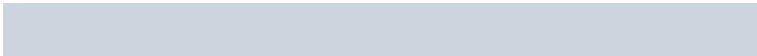
23.8360, 27.7090, 22.6596

Sweetspot

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



25.7988, 27.7101, 42.5174



61.7900, 65.5086, 78.3896



28.0613, 35.4691, 33.3018



13.4912, 14.3216, 17.4410



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.7988, 27.7101, 42.5174



41.9380, 45.1040, 75.4975



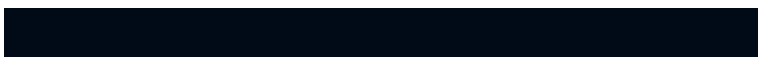
22.7175, 21.3770, 41.4574



7.8836, 8.3667, 10.1521



7.8649, 6.8637, 29.9548



0.2738, 0.3010, 0.8516

Inverse Universe

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



29.0665, 24.8998, 30.4695



48.9244, 39.5946, 49.6276



34.7594, 39.1248, 24.4593



8.1591, 8.0769, 9.1485



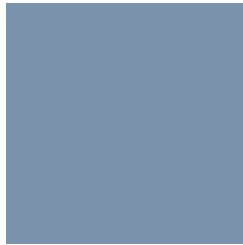
13.8335, 6.9959, 6.7686



0.4126, 0.2057, 0.3345

Previews

White Background



This preview shows how the XYZ color 25.7979, 27.7090, 42.5168 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 25.7979, 27.7090, 42.5168 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

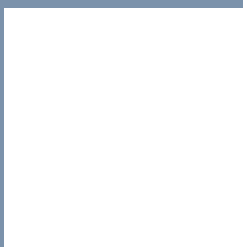
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7979, 27.7090, 42.5168

Background



This preview shows how black text looks on a background with the XYZ color 25.7979, 27.7090, 42.5168.



This preview shows how white text looks on a background with the XYZ color 25.7979, 27.7090,

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

25.7979, 27.7090, 42.5168

Protanopia

27.2221, 27.5764, 40.9338

Deuteranopia

28.1522, 27.5744, 42.8683



Tritanopia

24.8202, 27.7828, 37.3122

Trichromacy



Original Color

25.7979, 27.7090, 42.5168

Protanomaly

26.6568, 27.4960, 41.4384

Deuteranomaly

27.2727, 27.5588, 42.9117

Tritanomaly

25.1606, 27.6853, 39.1397

Monochromacy



Original Color

25.7979, 27.7090, 42.5168

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.5639, 27.0957, 34.0196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7979, 27.7090, 42.5168 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(123, 146, 171)` looks like.

```
.text, #text, p{  
    color:rgb(123, 146, 171)  
}
```

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(123, 146, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 146, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.7979, 27.7090, 42.5168 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(123, 146, 171) }
```


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

```
.border{ border-color:rgb(123, 146, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 146, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 146, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 146, 171);  
box-shadow:4px 4px 4px 4px rgb(123, 146,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7979, 27.7090, 42.5168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 146, 171) }
```

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

```
.background{ background-color: rgb(123,  
146, 171) }
```

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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