

Converting Colors

XYZ(24.9854, 29.6734, 41.3721)

Have a look what the booklet for
XYZ(24.9854, 29.6734, 41.3721)
contains.

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Color

**XYZ(25.0198, 29.7299,
41.4655)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9CA8
RGB	107, 156, 168
RGB Percent	42%, 61%, 66%
CMY	0.5804, 0.3882, 0.3412
CMYK	0.36, 0.07, 0.00, 0.34
HSL	192°, 26%, 54%
HSV	192°, 36%, 66%
XYZ	25.0198, 29.7299, 41.4655
YIQ	142.7170, -33.0560, -6.6560

Conversions

Conversions Part 2

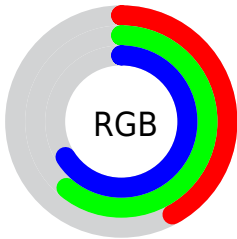
Format	Color
RYB	107, 134, 168
Decimal	7052456
CIELab	61.42, -13.27, -11.48
CIELCh	61, 17.546, 220.885
Yxy	29.7299, 0.2600, 0.3090
Android (android.graphics.Color)	4285242536 (0xFF6B9CA8)
YUV	142.7170, 12.4645, -31.3238
Hunter-Lab	54.5251, -13.5112, -6.9215

Details

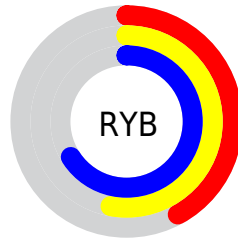
The XYZ color **25.0198, 29.7299, 41.4655** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3996, 22.5805, 16.9306**, and the grayscale version is **25.9578, 27.3096, 29.7402**.

A 20% lighter version of the original color is **51.3115, 59.4933, 78.5910**, and **9.7795, 12.1763, 18.3578** is the 20% darker color. If you saturate the color by 10%, you get **22.6461, 27.6949, 41.1983**, and if you desaturate by 10%, it is **27.8028, 31.9998, 41.7575**.

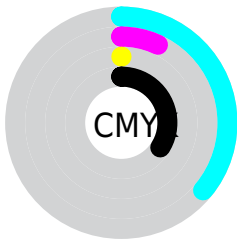
Distribution



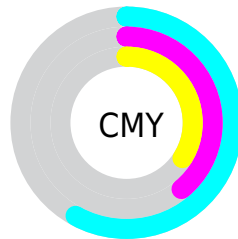
- Red (42%)
- Green (61%)
- Blue (66%)



- Red (42%)
- Yellow (53%)
- Blue (66%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (58%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0198, 29.7299, 41.4655 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 25.0198, 29.7299, 41.4655 by changing the saturation by 10% instead.

■ 25.0198, 29.7299,
41.4655

■ 25.0198, 29.7299,
41.4655

270.2824,
300.6434, 367.9965

■ 16.2206, 19.6337,
28.3606

■ 51.1320, 59.2348,
78.6514

■ 9.7722, 12.1290,
18.3562

■ 69.1757, 79.4122,
103.5694

■ 5.3093, 6.8316,
11.0340

■ 91.0317, 103.7188,
133.2622

■ 2.4665, 3.3570,
5.9752

■ 117.0652,
132.5390, 168.1482

■ 0.8784, 1.3208,
2.7615

147.6417,
166.2571, 208.6462

■ 0.0000, 0.1573,
0.9742

183.1265,

■ 0.0000, 0.0000,

205.2577, 255.1745

0.0000

223.8849,
249.9250, 308.1518

■ 25.0198, 29.7299,
41.4655

■ 25.0198, 29.7299,
41.4655

■ 22.6461, 27.6949,
41.1983

■ 27.8028, 31.9998,
41.7575

■ 20.6561, 25.8792,
40.9527

■ 31.0135, 34.5120,
42.0731

■ 19.0254, 24.2707,
40.7282

■ 34.6725, 37.2780,
42.4142

■ 17.7256, 22.8547,
40.5234

■ 38.7980, 40.3075,
42.7815

■ 16.7237, 21.6140,
40.3367

■ 43.4075, 43.6095,
43.1759

■ 15.9745, 20.5250,
40.1660

■ 48.5173, 47.1927,
43.5982

■ 15.7257, 20.1427,
40.1054

■ 54.1430, 51.0653,
44.0492

■ 60.2997, 55.2352,
44.5296

■ 65.8129, 59.0971,
44.9844

Harmonies

Analogous

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



24.1025, 29.7299, 34.8416



25.0198, 29.7299, 41.4655



26.8228, 29.7299, 45.9920

Triad

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



25.0198, 29.7299, 41.4655



32.6815, 29.7299, 36.7335



27.4240, 29.7299, 21.3839

Complementary

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



25.0198, 29.7299, 41.4655



25.3996, 22.5805, 16.9306

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.



29.7422, 29.7299, 21.7456



25.0198, 29.7299, 41.4655



32.8643, 29.7299, 30.0197

Square

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



25.0198, 29.7299, 41.4655



31.2763, 29.7299, 43.0124



31.7629, 29.7299, 24.7138



25.4392, 29.7299, 23.6474

Rectangle

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



25.0198, 29.7299, 41.4655



28.3263, 29.7299, 46.8853



31.7629, 29.7299, 24.7138



28.1886, 29.7299, 21.2113

Sweetspot

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



25.0207, 29.7311, 41.4662



59.5645, 65.1306, 76.6572



23.3477, 32.4440, 22.2294



12.7976, 14.0557, 16.6906



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.0207, 29.7311, 41.4662



41.6952, 50.7841, 74.8298



20.6335, 20.9567, 40.0038



7.6203, 8.2776, 9.6144



11.9114, 15.2830, 30.2976



0.3209, 0.4341, 0.7475

Inverse Universe

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



27.4077, 21.2414, 34.1092



46.8257, 33.4101, 58.8208



29.5003, 30.7819, 18.2975



7.7777, 7.6409, 9.1466



15.5129, 7.6139, 18.0445



0.3931, 0.1915, 0.5218

Previews

White Background



This preview shows how the XYZ color 25.0198, 29.7299, 41.4655 looks on a white background.

Color Contrast Check

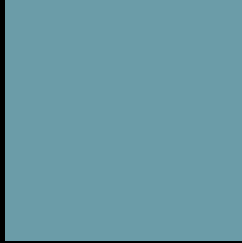
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0198, 29.7299, 41.4655 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

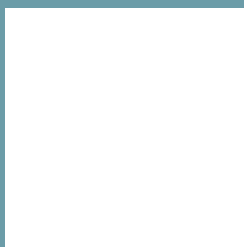
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0198, 29.7299, 41.4655

Background



This preview shows how black text looks on a background with the XYZ color 25.0198, 29.7299, 41.4655.



This preview shows how white text looks on a background with the XYZ color 25.0198, 29.7299,

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

25.0198, 29.7299, 41.4655

Protanopia

28.8094, 29.5871, 38.3749

Deuteranopia

30.0864, 29.4661, 42.6299



Tritanopia

25.0198, 29.7299, 41.4655

Trichromacy



Original Color

25.0198, 29.7299, 41.4655

Protanomaly

27.1229, 29.3986, 39.3669

Deuteranomaly

27.8373, 29.2330, 42.2056

Tritanomaly

25.0198, 29.7299, 41.4655

Monochromacy



Original Color

25.0198, 29.7299, 41.4655

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.4633, 28.1926, 33.8054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0198, 29.7299, 41.4655 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(107, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(107, 156, 168)  
}
```

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(107, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 156, 168) }
```

Border

The CSS property to change the border of an element to XYZ 25.0198, 29.7299, 41.4655 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(107, 156, 168) }
```


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

```
.border{ border-color:rgb(107, 156, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 156, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 156, 168); box-shadow:4px 4px 4px 4px rgb(107, 156, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0198, 29.7299, 41.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 156, 168) }
```

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

```
.background{ background-color: rgb(107,  
156, 168) }
```

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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