

Converting Colors

XYZ(9.8368, 11.0134, 25.4791)

Have a look what the booklet for
XYZ(9.8368, 11.0134, 25.4791)
contains.

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Color

**XYZ(9.8696, 11.0418,
25.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	29628A
RGB	41, 98, 138
RGB Percent	16%, 38%, 54%
CMY	0.8392, 0.6157, 0.4588
CMYK	0.70, 0.29, 0.00, 0.46
HSL	205°, 54%, 35%
HSV	205°, 70%, 54%
XYZ	9.8696, 11.0418, 25.6558
YIQ	85.5170, -46.8120, 0.3560

Conversions

Conversions Part 2

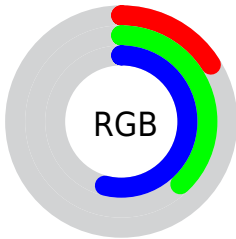
Format	Color
RYB	41, 77, 138
Decimal	2712202
CIELab	39.65, -4.86, -27.58
CIELCh	40, 28.005, 260.003
Yxy	11.0418, 0.2119, 0.2371
Android (android.graphics.Color)	4280902282 (0xFF29628A)
YUV	85.5170, 25.8741, -39.0414
Hunter-Lab	33.2292, -5.1338, -22.5165

Details

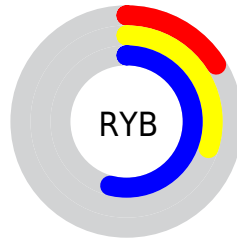
The XYZ color **9.8696, 11.0418, 25.6558** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **13.8245, 11.4491, 3.5797**, and the grayscale version is **8.6980, 9.1510, 9.9654**.

A 20% lighter version of the original color is **25.2989, 27.8973, 53.9205**, and **2.9894, 3.1606, 9.6850** is the 20% darker color. If you saturate the color by 10%, you get **8.8990, 9.7790, 25.4634**, and if you desaturate by 10%, it is **11.0718, 12.4806, 25.8704**.

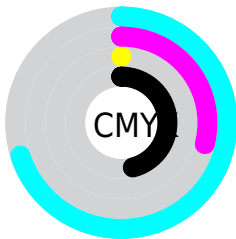
Distribution



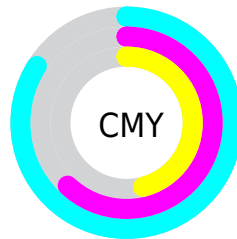
- Red (16%)
- Green (38%)
- Blue (54%)



- Red (16%)
- Yellow (30%)
- Blue (54%)



- Cyan (70%)
- Magenta (29%)
- Yellow (0%)
- Black (46%)



- Cyan (84%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.8696, 11.0418, 25.6558 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 9.8696, 11.0418, 25.6558 by changing the saturation by 10% instead.

■ 9.8696, 11.0418,
25.6558

■ 9.8696, 11.0418,
25.6558

183.8120,
197.9541, 294.6398

■ 5.3742, 6.0950,
16.3429

■ 25.2018, 27.7374,
53.6964

■ 2.5054, 2.9029,
9.6101

■ 36.7694, 40.2550,
73.2611

■ 0.8980, 1.0813,
5.0390

■ 51.4250, 56.0650,
97.0802

■ 0.0000, 0.0000,
2.2110

■ 69.5341, 75.5517,
125.5722

■ 0.0000, 0.0000,
0.6807

■ 91.4620, 99.0996,
159.1556

■ 0.0000, 0.0000,
0.0000

■ 117.5740,

127.0930, 198.2490

148.2356,
159.9164, 243.2709

■ 9.8696, 11.0418,
25.6558

■ 9.8696, 11.0418,
25.6558

■ 8.8990, 9.7790,
25.4634

■ 11.0718, 12.4806,
25.8704

■ 8.1370, 8.6786,
25.2912

■ 12.5235, 14.1051,
26.1074

■ 7.5367, 7.7334,
25.1404

■ 14.2418, 15.9255,
26.3682

■ 16.2420, 17.9507,
26.6537

■ 18.5380, 20.1890,
26.9647

■ 21.1429, 22.6481,
27.3021

■ 24.0690, 25.3353,
27.6666

■ 27.3276, 28.2574,
28.0588

■ 30.9298, 31.4210,
28.4796

Harmonies

Analogous

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



8.3051, 11.0418, 22.0251



9.8696, 11.0418, 25.6558



11.8032, 11.0418, 24.8762

Triad

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



9.8696, 11.0418, 25.6558



14.3418, 11.0418, 8.7692



7.9233, 11.0418, 6.4462

Complementary

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



9.8696, 11.0418, 25.6558



13.8245, 11.4491, 3.5797

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.



9.2871, 11.0418, 4.5954



9.8696, 11.0418, 25.6558



13.0393, 11.0418, 5.6268

Square

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



9.8696, 11.0418, 25.6558



14.5471, 11.0418, 13.9444



11.1461, 11.0418, 4.3497



7.2751, 11.0418, 10.2861

Rectangle

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



9.8696, 11.0418, 25.6558



13.0396, 11.0418, 22.0242



11.1461, 11.0418, 4.3497



8.3049, 11.0418, 5.6271

Sweetspot

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



9.8700, 11.0422, 25.6561



32.1779, 35.1077, 47.4637



11.4440, 19.2249, 10.6591



6.9964, 7.6610, 10.6163



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



9.8700, 11.0422, 25.6561



14.9031, 16.1344, 44.7120



6.6732, 4.6485, 24.5905



5.0028, 5.3485, 6.3745



6.9246, 7.1195, 23.0549



0.0605, 0.0762, 0.1580

Inverse Universe

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



13.4791, 7.8715, 12.3646



22.0950, 11.6581, 17.8129



18.6402, 21.0804, 5.1849



5.1480, 5.0946, 5.8680



10.9820, 5.5029, 7.6756



0.0803, 0.0395, 0.0894

Previews

White Background



This preview shows how the XYZ color 9.8696, 11.0418, 25.6558 looks on a white 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

Black Background



This preview shows how the XYZ color 9.8696, 11.0418, 25.6558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

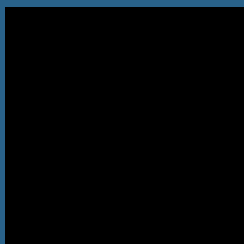
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

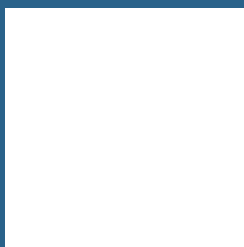
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.8696, 11.0418, 25.6558

Background



This preview shows how black text looks on a background with the XYZ color 9.8696, 11.0418, 25.6558.

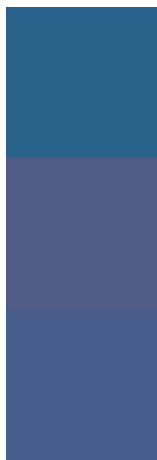


This preview shows how white text looks on a background with the XYZ color 9.8696, 11.0418,

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

9.8696, 11.0418, 25.6558

Protanopia

11.3690, 11.0532, 23.7246

Deuteranopia

11.2470, 11.0705, 25.9701



Tritanopia

8.0080, 10.9969, 16.7395

Trichromacy



Original Color

9.8696, 11.0418, 25.6558

Protanomaly

10.6226, 10.9129, 24.4682

Deuteranomaly

10.6769, 11.0406, 25.9944

Tritanomaly

8.5838, 10.9347, 19.7474

Monochromacy



Original Color

9.8696, 11.0418, 25.6558

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.7318, 9.6343, 14.7640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.8696, 11.0418, 25.6558 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(41, 98, 138)` looks like.

```
.text, #text, p{  
    color:rgb(41, 98, 138)  
}
```

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(41, 98, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 98, 138) }
```

Border

The CSS property to change the border of an element to XYZ 9.8696, 11.0418, 25.6558 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(41, 98, 138) }
```


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

```
.border{ border-color:rgb(41, 98, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 98, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 98, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 98, 138);  
box-shadow:4px 4px 4px 4px rgb(41, 98,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 9.8696, 11.0418, 25.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 98, 138) }
```

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

```
.background{ background-color: rgb(41, 98,  
138) }
```

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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