

Converting Colors

XYZ(9.3849, 10.7902, 27.0332)

Have a look what the booklet for
XYZ(9.3849, 10.7902, 27.0332)
contains.

XYZ(9.3882, 10.7595, 27.1732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(9.3882, 10.7595,
27.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	0B628E
RGB	11, 98, 142
RGB Percent	4%, 38%, 56%
CMY	0.9568, 0.6157, 0.4431
CMYK	0.92, 0.31, 0.00, 0.44
HSL	200°, 86%, 30%
HSV	200°, 92%, 56%
XYZ	9.3882, 10.7595, 27.1732
YIQ	77.0030, -65.9760, -4.7600

Conversions

Conversions Part 2

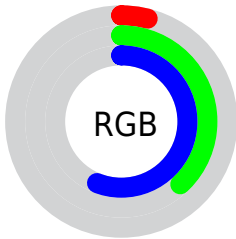
Format	Color
R_{YB}	11, 63, 142
Decimal	746126
CIE _{Lab}	39.17, -6.68, -30.79
CIE _{LCh}	39, 31.511, 257.752
Yxy	10.7595, 0.1984, 0.2274
Android (android.graphics.Color)	4278936206 (0xFF0B628E)
YUV	77.0030, 32.0435, -57.8846
Hunter-Lab	32.8017, -6.3143, -26.1552

Details

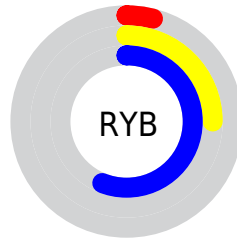
The XYZ color **9.3882, 10.7595, 27.1732** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **12.5832, 8.5094, 1.2965**, and the grayscale version is **7.0070, 7.3720, 8.0281**.

A 20% lighter version of the original color is **24.3674, 27.3652, 56.2223**, and **3.1163, 3.2113, 10.3531** is the 20% darker color. If you saturate the color by 10%, you get **8.9118, 10.0116, 27.0542**, and if you desaturate by 10%, it is **10.1164, 11.8175, 27.3393**.

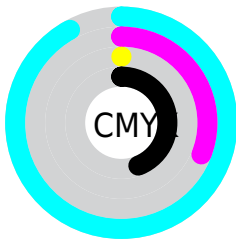
Distribution



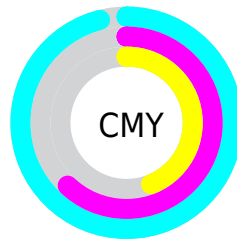
- Red (4%)
- Green (38%)
- Blue (56%)



- Red (4%)
- Yellow (25%)
- Blue (56%)



- Cyan (92%)
- Magenta (31%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.3882, 10.7595, 27.1732 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 9.3882, 10.7595, 27.1732 by changing the saturation by 10% instead.

■ 9.3882, 10.7595,
27.1732

■ 9.3882, 10.7595,
27.1732

180.3945,
196.0101, 302.2814

■ 5.0544, 5.9054,
17.4698

■ 24.2985, 27.2146,
56.1688

■ 2.3143, 2.7876,
10.4045

■ 35.6057, 39.5843,
76.2980

■ 0.8020, 1.0219,
5.5589

■ 49.9680, 55.2280,
100.7396

■ 0.0000, 0.0000,
2.5143

■ 67.7508, 74.5301,
129.9120

■ 0.0000, 0.0000,
0.8477

■ 89.3195, 97.8749,
164.2339

■ 0.0000, 0.0000,
0.0000

■ 115.0395,

125.6470, 204.1237

145.2760,
158.2305, 250.0000

■ 9.3882, 10.7595,
27.1732

■ 9.3882, 10.7595,
27.1732

■ 8.9118, 10.0116,
27.0542

■ 10.1164, 11.8175,
27.3393

■ 11.0496, 13.0213,
27.5224

■ 12.2122, 14.3841,
27.7242

■ 13.6248, 15.9172,
27.9457

■ 15.3055, 17.6306,
28.1878

■ 17.2704, 19.5332,
28.4515

■ 19.5347, 21.6334,
28.7375

■ 22.1120, 23.9388,
29.0467

■ 25.0153, 26.4566,
29.3796

Harmonies

Analogous

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



7.7297, 10.7595, 22.6195



9.3882, 10.7595, 27.1732



11.5168, 10.7595, 26.6693

Triad

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



9.3882, 10.7595, 27.1732



14.6073, 10.7595, 8.5120



7.5029, 10.7595, 5.5016

Complementary

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



9.3882, 10.7595, 27.1732



12.5832, 8.5094, 1.2965

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.



9.0365, 10.7595, 3.7575



9.3882, 10.7595, 27.1732



13.2105, 10.7595, 5.0376

Square

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



9.3882, 10.7595, 27.1732



14.7359, 10.7595, 14.3627



11.1134, 10.7595, 3.6235



6.7461, 10.7595, 9.4149

Rectangle

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



9.3882, 10.7595, 27.1732



12.9229, 10.7595, 23.5420



11.1134, 10.7595, 3.6235



7.9341, 10.7595, 4.7105

Sweetspot

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



9.3886, 10.7599, 27.1735



31.8520, 35.7577, 50.3510



10.4934, 19.6903, 6.8220



6.7881, 7.6801, 11.2041



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



9.3886, 10.7599, 27.1735



15.5600, 17.3442, 47.6555



5.5606, 3.1038, 25.8975



5.4097, 5.8152, 6.8661



8.0188, 9.0236, 24.2962



0.0971, 0.1270, 0.2391

Inverse Universe

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



13.4800, 6.8725, 12.1716



23.1796, 11.5443, 19.3941



17.9530, 19.2491, 3.0865



5.5503, 5.4806, 6.3958



11.8506, 5.8973, 10.1307



0.1236, 0.0605, 0.1510

Previews

White Background



This preview shows how the XYZ color 9.3882, 10.7595, 27.1732 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 9.3882, 10.7595, 27.1732 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 9.3882, 10.7595, 27.1732

Background



This preview shows how black text looks on a background with the XYZ color 9.3882, 10.7595, 27.1732.



This preview shows how white text looks on a background with the XYZ color 9.3882, 10.7595,

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

9.3882, 10.7595, 27.1732

Protanopia

11.2456, 10.8375, 24.7917

Deuteranopia

10.9650, 10.7613, 27.4858



Tritanopia

7.5658, 10.6285, 16.4046

Trichromacy



Original Color

9.3882, 10.7595, 27.1732

Protanomaly

10.0583, 10.5973, 25.5601

Deuteranomaly

10.0428, 10.5465, 27.4930

Tritanomaly

8.2166, 10.7383, 20.0520

Monochromacy



Original Color

9.3882, 10.7595, 27.1732

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

7.0657, 8.1935, 13.5210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3882, 10.7595, 27.1732 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(11, 98, 142)` looks like.

```
.text, #text, p{  
    color:rgb(11, 98, 142)  
}
```

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(11, 98, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 98, 142) }
```

Border

The CSS property to change the border of an element to XYZ 9.3882, 10.7595, 27.1732 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(11, 98, 142) }
```


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

```
.border{ border-color:rgb(11, 98, 142) }
```

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

Here you see how a box with a 4 pixel rgb(11, 98, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 98, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 98, 142);  
box-shadow:4px 4px 4px 4px rgb(11, 98,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 9.3882, 10.7595, 27.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 98, 142) }
```

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

```
.background{ background-color: rgb(11, 98,  
142) }
```

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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