

Converting Colors

XYZ(9.3923, 11.2133, 22.6267)

Have a look what the booklet for
XYZ(9.3923, 11.2133, 22.6267)
contains.

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Color

**XYZ(9.3858, 11.1381,
22.7743)**

Conversions

Conversions Part 1

Format	Color
Hex	266482
RGB	38, 100, 130
RGB Percent	15%, 39%, 51%
CMY	0.8510, 0.6078, 0.4902
CMYK	0.71, 0.23, 0.00, 0.49
HSL	200°, 55%, 33%
HSV	200°, 71%, 51%
XYZ	9.3858, 11.1381, 22.7743
YIQ	84.8820, -46.5820, -3.8140

Conversions

Conversions Part 2

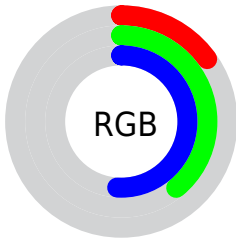
Format	Color
R_{YB}	38, 75, 130
Decimal	2516098
CIE _{Lab}	39.81, -9.46, -22.49
CIE _{LCh}	40, 24.402, 247.185
Yxy	11.1381, 0.2168, 0.2572
Android (android.graphics.Color)	4280706178 (0xFF266482)
YUV	84.8820, 22.2432, -41.1155
Hunter-Lab	33.3738, -8.2041, -17.0979




Details

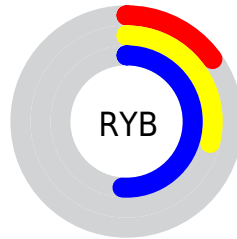
The XYZ color **9.3858, 11.1381, 22.7743** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **11.6235, 9.0209, 2.9629**, and the grayscale version is **8.5725, 9.0189, 9.8216**.




A 20% lighter version of the original color is **24.3332, 27.9850, 48.9189**, and **2.7583, 3.1403, 8.2453** is the 20% darker color. If you saturate the color by 10%, you get **8.5916, 10.1408, 22.6239**, and if you desaturate by 10%, it is **10.3695, 12.2648, 22.9402**.

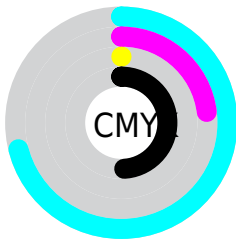
Distribution







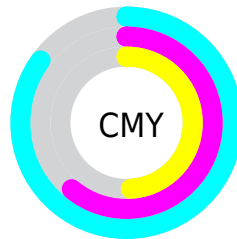
-  Red (15%)
-  Green (39%)
-  Blue (51%)






-  Red (15%)
-  Yellow (29%)
-  Blue (51%)



-  Cyan (71%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (85%)
-  Magenta (61%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.3858, 11.1381, 22.7743 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 9.3858, 11.1381, 22.7743 by changing the saturation by 10% instead.

■ 9.3858, 11.1381,
22.7743

■ 9.3858, 11.1381,
22.7743

180.3772,
198.6126, 279.6479

■ 5.0528, 6.1598,
14.2232

■ 24.2940, 27.9153,
48.9409

■ 2.3133, 2.9425,
8.1356

■ 35.5998, 40.4829,
67.3936

■ 0.8015, 1.1018,
4.0928

■ 49.9607, 56.3491,
89.9838

■ 0.0000, 0.0000,
1.6764

■ 67.7419, 75.8983,
117.1302

■ 0.0000, 0.0000,
0.3445

■ 89.3088, 99.5148,
149.2513

■ 0.0000, 0.0000,
0.0000

■ 115.0267,

127.5831, 186.7655

145.2611,
160.4876, 230.0915

■ 9.3858, 11.1381,
22.7743

■ 9.3858, 11.1381,
22.7743

■ 8.5916, 10.1408,
22.6239

■ 10.3695, 12.2648,
22.9402

■ 7.9669, 9.2617,
22.4871

■ 11.5575, 13.5286,
23.1215

■ 7.4868, 8.5268,
22.3706

■ 12.9643, 14.9375,
23.3193

■ 14.6030, 16.4987,
23.5342

■ 16.4852, 18.2187,
23.7670

■ 18.6219, 20.1035,
24.0182

■ 21.0234, 22.1589,
24.2884

■ 23.6995, 24.3902,
24.5780

■ 26.6592, 26.8027,
24.8877

Harmonies

Analogous

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



8.2218, 11.1381, 18.6019



9.3858, 11.1381, 22.7743



10.9945, 11.1381, 23.7771

Triad

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



9.3858, 11.1381, 22.7743



14.1150, 11.1381, 11.0097



8.7563, 11.1381, 6.1623

Complementary

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



9.3858, 11.1381, 22.7743



11.6235, 9.0209, 2.9629

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.



10.1886, 11.1381, 5.0838



9.3858, 11.1381, 22.7743



13.3659, 11.1381, 7.3623

Square

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



9.3858, 11.1381, 22.7743



13.8421, 11.1381, 16.0681



11.8853, 11.1381, 5.4563



7.8860, 11.1381, 8.8903

Rectangle

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



9.3858, 11.1381, 22.7743



12.1275, 11.1381, 22.3247



11.8853, 11.1381, 5.4563



9.1818, 11.1381, 5.6327

Sweetspot

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



9.3862, 11.1385, 22.7746



28.7808, 31.8591, 41.8250



9.7996, 16.7846, 8.0552



6.3374, 7.0513, 9.4454



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



9.3862, 11.1385, 22.7746



14.4194, 16.8812, 39.6909



6.1890, 4.7442, 21.7089



4.3319, 4.6578, 5.4840



7.1850, 8.1885, 21.4518



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.1997, 7.0527, 12.7752



20.0564, 10.4600, 19.2605



15.4762, 16.7263, 4.2471



4.4404, 4.3893, 5.1234



10.5036, 5.2211, 9.2417



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 9.3858, 11.1381, 22.7743 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 9.3858, 11.1381, 22.7743 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 9.3858, 11.1381, 22.7743

Background



This preview shows how black text looks on a background with the XYZ color 9.3858, 11.1381, 22.7743.



This preview shows how white text looks on a background with the XYZ color 9.3858, 11.1381,

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

9.3858, 11.1381, 22.7743

Protanopia

11.2115, 11.0408, 20.6090

Deuteranopia

11.3003, 11.0257, 23.3624



Tritanopia

8.1516, 11.0645, 17.0353

Trichromacy



Original Color

9.3858, 11.1381, 22.7743

Protanomaly

10.2420, 10.9197, 21.3066

Deuteranomaly

10.3689, 10.9469, 23.0392

Tritanomaly

8.5878, 11.0959, 19.1419

Monochromacy



Original Color

9.3858, 11.1381, 22.7743

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

8.3890, 9.4809, 13.6998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3858, 11.1381, 22.7743 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(38, 100, 130)` looks like.

```
.text, #text, p{  
    color:rgb(38, 100, 130)  
}
```

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(38, 100, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 100, 130) }
```

Border

The CSS property to change the border of an element to XYZ 9.3858, 11.1381, 22.7743 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(38, 100, 130) }
```


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

```
.border{ border-color:rgb(38, 100, 130) }
```

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

Here you see how a box with a 4 pixel rgb(38, 100, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 100, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 100, 130);  
box-shadow:4px 4px 4px 4px rgb(38, 100,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 9.3858, 11.1381, 22.7743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 100, 130) }
```

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

```
.background{ background-color: rgb(38, 100,  
130) }
```

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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