

Converting Colors

XYZ(11.4278, 9.9203, 21.7346)

Have a look what the booklet for
XYZ(11.4278, 9.9203, 21.7346)
contains.

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Color

**XYZ(11.4278, 9.9203,
21.7346)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5280
RGB	93, 82, 128
RGB Percent	36%, 32%, 50%
CMY	0.6353, 0.6784, 0.4980
CMYK	0.27, 0.36, 0.00, 0.50
HSL	254°, 22%, 41%
HSV	254°, 36%, 50%
XYZ	11.4278, 9.9203, 21.7346
YIQ	90.5330, -8.2100, 16.6380

Conversions

Conversions Part 2

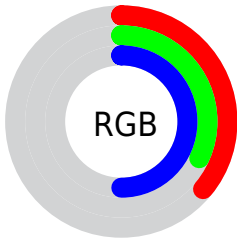
Format	Color
R_{YB}	93, 82, 128
Decimal	6115968
CIE _{Lab}	37.70, 15.32, -24.30
CIE _{LCh}	38, 28.727, 302.228
Yxy	9.9203, 0.2653, 0.2303
Android (android.graphics.Color)	4284306048 (0xFF5D5280)
YUV	90.5330, 18.4712, 2.1636
Hunter-Lab	31.4965, 9.6458, -18.8663

Details

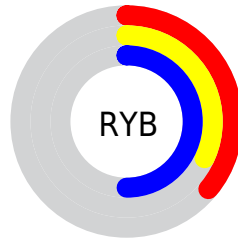
The XYZ color **11.4278, 9.9203, 21.7346** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.5786, 19.8297, 10.9368**, and the grayscale version is **9.7994, 10.3097, 11.2273**.

A 20% lighter version of the original color is **27.9584, 25.4981, 47.1641**, and **3.1550, 2.4455, 7.7029** is the 20% darker color. If you saturate the color by 10%, you get **9.6274, 7.6906, 21.3993**, and if you desaturate by 10%, it is **13.5346, 12.5756, 22.1363**.

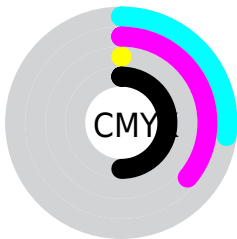
Distribution



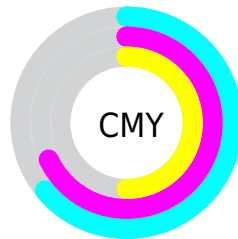
- Red (36%)
- Green (32%)
- Blue (50%)



- Red (36%)
- Yellow (32%)
- Blue (50%)



- Cyan (27%)
- Magenta (36%)
- Yellow (0%)
- Black (50%)



- Cyan (64%)
- Magenta (68%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4278, 9.9203, 21.7346 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 11.4278, 9.9203, 21.7346 by changing the saturation by 10% instead.

■ 11.4278, 9.9203,
21.7346

■ 11.4278, 9.9203,
21.7346

194.4277,
190.1023, 274.0653

■ 6.4248, 5.3461,
13.4656

■ 28.0746, 25.6455,
47.2035

■ 3.1481, 2.4518,
7.6154

■ 40.4490, 37.5653,
65.2405

■ 1.2326, 0.8523,
3.7656

■ 56.0113, 52.7025,
87.3705

■ 0.1319, 0.0000,
1.4977

■ 75.1268, 71.4414,
114.0121

■ 0.0000, 0.0000,
0.2162

■ 98.1608, 94.1664,
145.5838

■ 0.0000, 0.0000,
0.0000

125.4787,

121.2620, 182.5042

157.4459,
153.1125, 225.1919

■ 11.4278, 9.9203,
21.7346

■ 11.4278, 9.9203,
21.7346

■ 9.6274, 7.6906,
21.3993

■ 13.5346, 12.5756,
22.1363

■ 8.1175, 5.8630,
21.1261

■ 15.9604, 15.6763,
22.6069

■ 6.8826, 4.4131,
20.9113

■ 18.7184, 19.2421,
23.1498

■ 5.9049, 3.3137,
20.7507

■ 21.8208, 23.2913,
23.7679

■ 5.1645, 2.5335,
20.6391

■ 25.2791, 27.8412,
24.4638

■ 4.6313, 2.0212,
20.5683

■ 29.1043, 32.9082,
25.2402

■ 4.4497, 1.8438,
20.5436

■ 33.3068, 38.5079,
26.0996

■ 37.8968, 44.6555,
27.0443

■ 42.8838, 51.3652,
28.0765

Harmonies

Analogous

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



9.5661, 9.9203, 24.2851



11.4278, 9.9203, 21.7346



12.8888, 9.9203, 16.1964

Triad

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



11.4278, 9.9203, 21.7346



11.1612, 9.9203, 4.1242



6.3380, 9.9203, 11.1971

Complementary

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



11.4278, 9.9203, 21.7346



16.5786, 19.8297, 10.9368

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.



6.6513, 9.9203, 6.7613



11.4278, 9.9203, 21.7346



9.2931, 9.9203, 3.5478

Square

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



11.4278, 9.9203, 21.7346



12.7215, 9.9203, 6.2779



7.6779, 9.9203, 4.3333



6.7600, 9.9203, 17.0995

Rectangle

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



11.4278, 9.9203, 21.7346



13.3527, 9.9203, 12.2191



7.6779, 9.9203, 4.3333



6.3607, 9.9203, 9.4981

Sweetspot

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



11.4281, 9.9207, 21.7348



30.3003, 30.4363, 40.2341



13.7687, 16.1375, 22.8114



6.9692, 6.9646, 9.3953



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.



11.4281, 9.9207, 21.7348



17.5266, 14.2480, 37.7827



14.0810, 11.2883, 21.8590



4.1977, 4.2575, 5.4138



4.4132, 1.8288, 20.3703



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1306, 11.9085, 18.3311



25.1203, 18.3312, 30.5255



13.8860, 18.4416, 10.8108



4.4556, 4.3954, 5.2035



10.9853, 5.4138, 11.7780



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.4278, 9.9203, 21.7346 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 ✓ Pass

Black Background



This preview shows how the XYZ color 11.4278, 9.9203, 21.7346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 11.4278, 9.9203, 21.7346

Background



This preview shows how black text looks on a background with the XYZ color 11.4278, 9.9203, 21.7346.

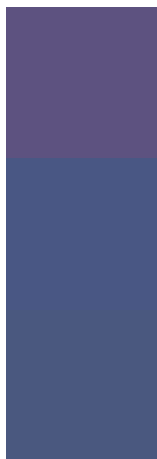


This preview shows how white text looks on a background with the XYZ color 11.4278, 9.9203,

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

11.4278, 9.9203, 21.7346

Protanopia

10.3207, 9.8988, 23.1965

Deuteranopia

10.1445, 9.9676, 21.4679



Tritanopia

9.6142, 10.0155, 12.4928

Trichromacy



Original Color

11.4278, 9.9203, 21.7346

Protanomaly

10.6535, 9.8412, 22.8108

Deuteranomaly

10.5519, 9.9372, 21.4406

Tritanomaly

10.1544, 9.8621, 15.5557

Monochromacy



Original Color

11.4278, 9.9203, 21.7346

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.4020, 10.2542, 14.5277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4278, 9.9203, 21.7346 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(93, 82, 128) looks like.

```
.text, #text, p{  
    color:rgb(93, 82, 128)  
}
```

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(93, 82, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 82, 128) }
```

Border

The CSS property to change the border of an element to XYZ 11.4278, 9.9203, 21.7346 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(93, 82, 128) }
```


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

```
.border{ border-color:rgb(93, 82, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 82, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 82, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 82, 128);  
box-shadow:4px 4px 4px 4px rgb(93, 82,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4278, 9.9203, 21.7346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 82, 128) }
```

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

```
.background{ background-color: rgb(93, 82,  
128) }
```

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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