

Converting Colors

XYZ(11.2413, 12.4303, 9.1282)

Have a look what the booklet for
XYZ(11.2413, 12.4303, 9.1282)
contains.

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Color

**XYZ(11.2240, 12.3882,
9.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	64644F
RGB	100, 100, 79
RGB Percent	39%, 39%, 31%
CMY	0.6078, 0.6078, 0.6902
CMYK	0.00, 0.00, 0.21, 0.61
HSL	60°, 12%, 35%
HSV	60°, 21%, 39%
XYZ	11.2240, 12.3882, 9.1967
YIQ	97.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

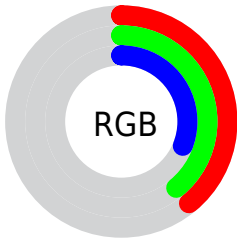
Format	Color
R_{YB}	79, 100, 79
Decimal	6579279
CIE Lab	41.83, -3.95, 11.95
CIE LCh	42, 12.585, 108.280
Yxy	12.3882, 0.3421, 0.3776
Android (android.graphics.Color)	4284769359 (0xFF64644F)
YUV	97.6060, -9.1728, 2.0995
Hunter-Lab	35.1969, -4.6723, 9.1457

Details

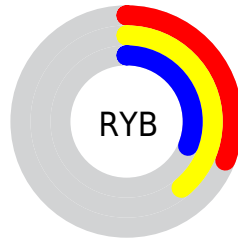
The XYZ color **11.2240, 12.3882, 9.1967** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.3211, 8.1746, 13.1966**, and the grayscale version is **11.5328, 12.1334, 13.2133**.

A 20% lighter version of the original color is **27.7254, 30.2710, 24.8037**, and **3.0300, 3.4186, 2.0135** is the 20% darker color. If you saturate the color by 10%, you get **10.8871, 12.2538, 7.4217**, and if you desaturate by 10%, it is **11.6164, 12.5456, 11.2607**.

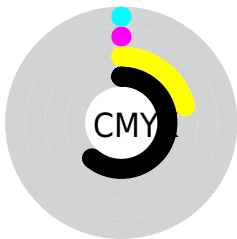
Distribution



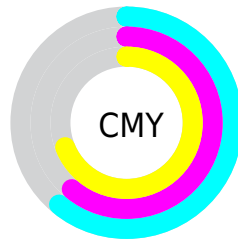
- Red (39%)
- Green (39%)
- Blue (31%)



- Red (31%)
- Yellow (39%)
- Blue (31%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (61%)



- Cyan (61%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2240, 12.3882, 9.1967 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 11.2240, 12.3882, 9.1967 by changing the saturation by 10% instead.

■ 11.2240, 12.3882,
9.1967

■ 11.2240, 12.3882,
9.1967

193.0747,
206.9586, 195.1103

■ 6.2861, 7.0086,
4.7711

■ 27.7029, 30.2002,
24.8569

■ 3.0621, 3.4675,
2.0572

■ 39.9747, 43.4014,
36.9287

■ 1.1867, 1.3804,
0.5901

■ 55.4218, 59.9786,
52.3863

■ 0.0958, 0.2022,
0.0000

■ 74.4096, 80.3162,
71.6482

■ 0.0000, 0.0000,
0.0000

■ 97.3034, 104.7986,
95.1331

124.4686,

133.8103, 123.2593

156.2706,
167.7354, 156.4456

■ 11.2240, 12.3882,
9.1967

■ 11.2240, 12.3882,
9.1967

■ 10.8871, 12.2538,
7.4217

■ 11.6164, 12.5456,
11.2607

■ 10.6022, 12.1399,
5.9221

■ 12.0655, 12.7252,
13.6250

■ 10.3670, 12.0458,
4.6844

■ 12.5738, 12.9286,
16.3012

■ 10.1787, 11.9704,
3.6935

■ 13.1434, 13.1564,
19.3001

■ 10.0342, 11.9126,
2.9329

■ 13.7762, 13.4096,
22.6319

■ 9.9298, 11.8709,
2.3840

■ 14.4741, 13.6888,
26.3064

■ 9.8614, 11.8435,
2.0247

■ 15.2389, 13.9947,
30.3330

■ 9.8120, 11.8237,
1.7651

■ 16.0723, 14.3280,
34.7207

■ 16.9759, 14.6895,
39.4784

Harmonies

Analogous

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



12.1406, 12.3882, 9.0800



11.2240, 12.3882, 9.1967



10.4929, 12.3882, 10.3670

Triad

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



11.2240, 12.3882, 9.1967



10.6272, 12.3882, 17.6716



13.6087, 12.3882, 14.5530

Complementary

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



11.2240, 12.3882, 9.1967



8.3211, 8.1746, 13.1966

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.



13.1566, 12.3882, 17.1813



11.2240, 12.3882, 9.1967



11.4160, 12.3882, 19.1336

Square

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



11.2240, 12.3882, 9.1967



10.1610, 12.3882, 15.1551



12.3429, 12.3882, 18.9432



13.5506, 12.3882, 11.9491

Rectangle

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



11.2240, 12.3882, 9.1967



10.1942, 12.3882, 11.6854



12.3429, 12.3882, 18.9432



13.5104, 12.3882, 15.4685

Sweetspot

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



11.2243, 12.3888, 9.1970



20.7309, 22.1396, 21.6734



9.4632, 8.8661, 8.6098



5.0930, 5.4443, 5.2910



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.2243, 12.3888, 9.1970



19.3851, 21.6012, 14.5888



10.1369, 11.8282, 9.1461



3.0402, 3.2679, 3.0450



13.1380, 15.8316, 2.3634



68.5210, 82.5699, 12.3261

Inverse Universe

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



8.3211, 8.1746, 13.1966



13.3448, 12.8333, 22.9104



9.2646, 8.6610, 13.2407



2.6929, 2.7637, 3.5235



3.0803, 1.2321, 16.2198



16.0649, 6.4260, 84.5950

Previews

White Background



This preview shows how the XYZ color 11.2240, 12.3882, 9.1967 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 11.2240, 12.3882, 9.1967 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 11.2240, 12.3882, 9.1967

Background



This preview shows how black text looks on a background with the XYZ color 11.2240, 12.3882, 9.1967.

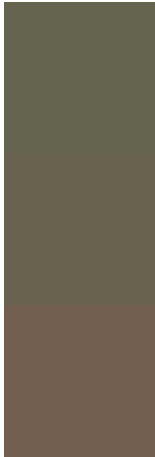


This preview shows how white text looks on a background with the XYZ color 11.2240, 12.3882,

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

11.2240, 12.3882, 9.1967

Protanopia

11.5685, 12.2887, 8.9700

Deuteranopia

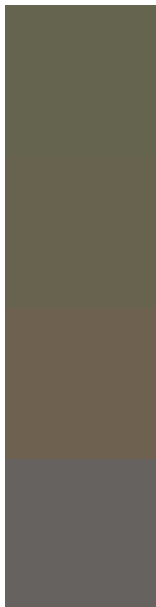
12.6104, 12.4084, 9.3198



Tritanopia

12.3669, 12.4324, 14.8446

Trichromacy



Original Color

11.2240, 12.3882, 9.1967

Protanomaly

11.4305, 12.3573, 8.9905

Deuteranomaly

12.1531, 12.4436, 9.3507

Tritanomaly

11.9127, 12.3864, 12.5894

Monochromacy



Original Color

11.2240, 12.3882, 9.1967

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4958, 12.3317, 11.6719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2240, 12.3882, 9.1967 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(100, 100, 79)` looks like.

```
.text, #text, p{  
    color:rgb(100, 100, 79)  
}
```

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(100, 100, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 100, 79) }
```

Border

The CSS property to change the border of an element to XYZ 11.2240, 12.3882, 9.1967 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(100, 100, 79) }
```


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

```
.border{ border-color:rgb(100, 100, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 100, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 100, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 100, 79);  
box-shadow:4px 4px 4px 4px rgb(100, 100,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2240, 12.3882, 9.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 100, 79) }
```

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

```
.background{ background-color: rgb(100,  
100, 79) }
```

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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