

Converting Colors

XYZ(9.9242, 11.1909, 12.9218)

Have a look what the booklet for
XYZ(9.9242, 11.1909, 12.9218)
contains.

XYZ(9.9120, 11.2063, 12.9499)	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(9.9120, 11.2063,
12.9499)**

Conversions

Conversions Part 1

Format	Color
Hex	526161
RGB	82, 97, 97
RGB Percent	32%, 38%, 38%
CMY	0.6784, 0.6196, 0.6196
CMYK	0.15, 0.00, 0.00, 0.62
HSL	180°, 8%, 35%
HSV	180°, 15%, 38%
XYZ	9.9120, 11.2063, 12.9499
YIQ	92.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

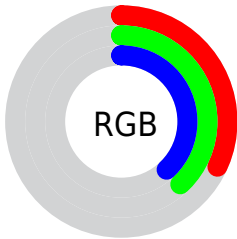
Format	Color
R_{YB}	82, 90, 97
Decimal	5398881
CIE Lab	39.93, -5.71, -1.93
CIE LCh	40, 6.029, 198.688
Yxy	11.2063, 0.2909, 0.3289
Android (android.graphics.Color)	4283588961 (0xFF526161)
YUV	92.5150, 2.2111, -9.2217
Hunter-Lab	33.4758, -5.7298, 0.4971

Details

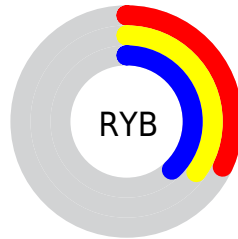
The XYZ color **9.9120, 11.2063, 12.9499** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.4704, 9.1854, 9.2568**, and the grayscale version is **10.2884, 10.8242, 11.7876**.

A 20% lighter version of the original color is **25.4509, 28.2235, 32.1232**, and **2.5443, 3.0000, 3.5769** is the 20% darker color. If you saturate the color by 10%, you get **9.1275, 10.8022, 12.9132**, and if you desaturate by 10%, it is **10.8164, 11.6729, 12.9927**.

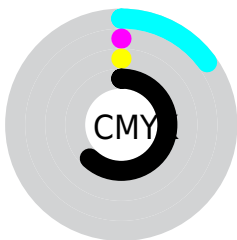
Distribution



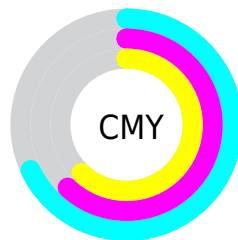
- Red (32%)
- Green (38%)
- Blue (38%)



- Red (32%)
- Yellow (35%)
- Blue (38%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (62%)



- Cyan (68%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.9120, 11.2063, 12.9499 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 9.9120, 11.2063, 12.9499 by changing the saturation by 10% instead.

■ 9.9120, 11.2063,
12.9499

■ 9.9120, 11.2063,
12.9499

184.1096,
199.0775, 221.7929

■ 5.4025, 6.2058,
7.2637

■ 25.2810, 28.0410,
31.9036

■ 2.5225, 2.9706,
3.5466

■ 36.8712, 40.6440,
46.0082

■ 0.9066, 1.1164,
1.3801

■ 51.5524, 56.5499,
63.7561

■ 0.0000, 0.0000,
0.1261

■ 69.6898, 76.1432,
85.5657

■ 0.0000, 0.0000,
0.0000

■ 91.6489, 99.8082,
111.8557

117.7950,

127.9293, 143.0445

148.4935,
160.8909, 179.5507

■ 9.9120, 11.2063,
12.9499

■ 9.9120, 11.2063,
12.9499

■ 9.1275, 10.8022,
12.9132

■ 10.8164, 11.6729,
12.9927

■ 8.4570, 10.4565,
12.8815

■ 11.8445, 12.2028,
13.0411

■ 7.8954, 10.1670,
12.8550

■ 13.0010, 12.7990,
13.0954

■ 7.4371, 9.9307,
12.8333

■ 14.2901, 13.4636,
13.1560

■ 7.0757, 9.7444,
12.8162

■ 15.7159, 14.1986,
13.2230

■ 6.8043, 9.6045,
12.8032

■ 17.2821, 15.0060,
13.2965

■ 6.6149, 9.5069,
12.7941

■ 18.9926, 15.8878,
13.3768

■ 6.4873, 9.4411,
12.7879

■ 20.8508, 16.8457,
13.4640

■ 6.4322, 9.4128,
12.7852

■ 22.8602, 17.8816,
13.5583

Harmonies

Analogous

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



9.8867, 11.2063, 11.7583



9.9120, 11.2063, 12.9499



10.1323, 11.2063, 14.0029

Triad

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



9.9120, 11.2063, 12.9499



11.2629, 11.2063, 13.7760



10.8088, 11.2063, 10.0922

Complementary

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



9.9120, 11.2063, 12.9499



9.4704, 9.1854, 9.2568

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.



11.1876, 11.2063, 10.5621



9.9120, 11.2063, 12.9499



11.4543, 11.2063, 12.6562

Square

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



9.9120, 11.2063, 12.9499



10.9094, 11.2063, 14.5008



11.4264, 11.2063, 11.4830



10.3972, 11.2063, 10.1595

Rectangle

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



9.9120, 11.2063, 12.9499



10.3634, 11.2063, 14.4606



11.4264, 11.2063, 11.4830



10.9444, 11.2063, 10.1913

Sweetspot

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



9.9123, 11.2068, 12.9502



18.5927, 20.0349, 22.2723



9.2994, 10.9641, 9.6089



4.5966, 4.9643, 5.5292



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



9.9123, 11.2068, 12.9502



16.4159, 18.9127, 22.1698



9.2727, 9.9274, 12.7373



2.6401, 2.8948, 3.2648



8.7514, 12.8066, 17.3949



46.7518, 68.4157, 92.9266

Inverse Universe

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



9.4704, 9.1854, 9.2568



15.4836, 14.6481, 14.3777



10.0463, 10.3374, 9.4485



2.5735, 2.5903, 2.7085



6.7076, 3.4579, 0.3142



35.8335, 18.4729, 1.6777

Previews

White Background



This preview shows how the XYZ color 9.9120, 11.2063, 12.9499 looks on a white background.

Color Contrast Check

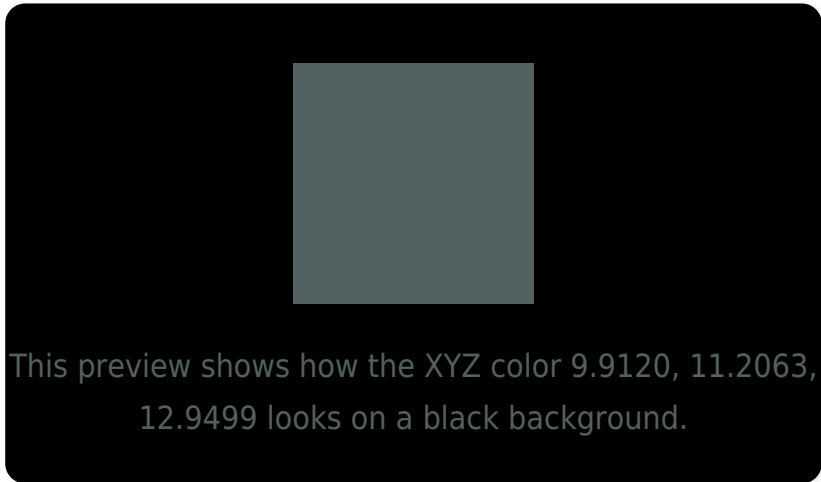
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

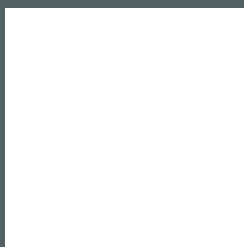
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.9120, 11.2063, 12.9499

Background



This preview shows how black text looks on a background with the XYZ color 9.9120, 11.2063, 12.9499.



This preview shows how white text looks on a background with the XYZ color 9.9120, 11.2063,

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

9.9120, 11.2063, 12.9499

Protanopia

10.6992, 11.0878, 12.4027

Deuteranopia

11.3125, 11.1307, 13.1075



Tritanopia

10.2488, 11.2042, 14.7192

Trichromacy



Original Color

9.9120, 11.2063, 12.9499

Protanomaly

10.3305, 11.0236, 12.6496

Deuteranomaly

10.7350, 11.0902, 13.1301

Tritanomaly

10.0991, 11.1443, 13.9307

Monochromacy



Original Color

9.9120, 11.2063, 12.9499

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.1429, 10.9374, 12.1662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.9120, 11.2063, 12.9499 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(82, 97, 97) looks like.

```
.text, #text, p{  
    color:rgb(82, 97, 97)  
}
```

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(82, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 97, 97) }
```

Border

The CSS property to change the border of an element to XYZ 9.9120, 11.2063, 12.9499 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(82, 97, 97) }
```


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

```
.border{ border-color:rgb(82, 97, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 97, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(82, 97, 97)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.9120, 11.2063, 12.9499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 97, 97) }
```

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

```
.background{ background-color: rgb(82, 97,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor