

Converting Colors

XYZ(9.8910, 10.8723, 13.9040)

Have a look what the booklet for
XYZ(9.8910, 10.8723, 13.9040)
contains.

XYZ(9.9208, 10.9178, 13.8964)	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(9.9208, 10.9178,
13.8964)**

Conversions

Conversions Part 1

Format	Color
Hex	525F65
RGB	82, 95, 101
RGB Percent	32%, 37%, 40%
CMY	0.6784, 0.6274, 0.6039
CMYK	0.19, 0.06, 0.00, 0.60
HSL	199°, 10%, 36%
HSV	199°, 19%, 40%
XYZ	9.9208, 10.9178, 13.8964
YIQ	91.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

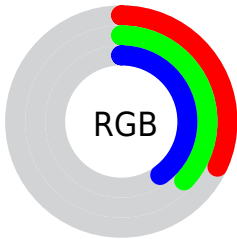
Format	Color
R_{YB}	82, 90, 101
Decimal	5398373
CIE Lab	39.44, -3.55, -5.11
CIE LCh	39, 6.222, 235.157
Yxy	10.9178, 0.2856, 0.3143
Android (android.graphics.Color)	4283588453 (0xFF525F65)
YUV	91.7970, 4.5371, -8.5920
Hunter-Lab	33.0421, -4.2295, -1.8059

Details

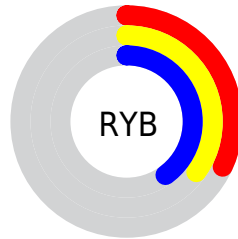
The XYZ color **9.9208, 10.9178, 13.8964** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3796, 10.3553, 9.4345**, and the grayscale version is **10.1177, 10.6446, 11.5920**.

A 20% lighter version of the original color is **25.3086, 27.4233, 33.6651**, and **2.5271, 2.8563, 3.9082** is the 20% darker color. If you saturate the color by 10%, you get **8.8251, 9.9355, 13.7647**, and if you desaturate by 10%, it is **11.1583, 11.9912, 14.0385**.

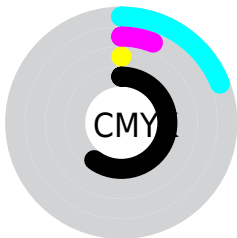
Distribution



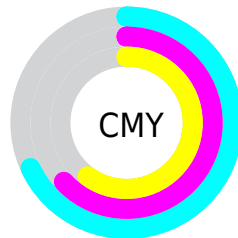
- Red (32%)
- Green (37%)
- Blue (40%)



- Red (32%)
- Yellow (35%)
- Blue (40%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (68%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.9208, 10.9178, 13.8964 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 9.9208, 10.9178, 13.8964 by changing the saturation by 10% instead.

■ 9.9208, 10.9178,
13.8964

■ 9.9208, 10.9178,
13.8964

184.1713,
197.1027, 227.9914

■ 5.4083, 6.0116,
7.9107

■ 25.2975, 27.5081,
33.6196

■ 2.5260, 2.8521,
3.9509

■ 36.8924, 39.9609,
48.1941

■ 0.9084, 1.0550,
1.5985

■ 51.5788, 55.6981,
66.4687

■ 0.0000, 0.0000,
0.2897

■ 69.7221, 75.1040,
88.8619

■ 0.0000, 0.0000,
0.0000

■ 91.6877, 98.5630,
115.7923

117.8408,

126.4595, 147.6782

148.5469,
159.1780, 184.9384

■ 9.9208, 10.9178,
13.8964

■ 9.9208, 10.9178,
13.8964

■ 8.8251, 9.9355,
13.7647

■ 11.1583, 11.9912,
14.0385

■ 7.8643, 9.0397,
13.6425

■ 12.5419, 13.1574,
14.1907

■ 7.0327, 8.2275,
13.5295

■ 14.0772, 14.4196,
14.3534

■ 6.3235, 7.4953,
13.4256

■ 15.7689, 15.7805,
14.5269

■ 5.7294, 6.8391,
13.3302

■ 17.6218, 17.2427,
14.7115

■ 5.2422, 6.2543,
13.2430

■ 19.6403, 18.8088,
14.9074

■ 4.8526, 5.7360,
13.1635

■ 21.8286, 20.4810,
15.1148

■ 4.5225, 5.2643,
13.0899

■ 24.1909, 22.2617,
15.3341

■ 4.4841, 5.2097,
13.0814

■ 26.7310, 24.1531,
15.5653

Harmonies

Analogous

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



9.6605, 10.9178, 12.9020



9.9208, 10.9178, 13.8964



10.3088, 10.9178, 14.3540

Triad

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



9.9208, 10.9178, 13.8964



11.2058, 10.9178, 12.0847



10.0363, 10.9178, 9.9078

Complementary

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



9.9208, 10.9178, 13.8964



10.3796, 10.3553, 9.4345

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.



10.4456, 10.9178, 9.7213



9.9208, 10.9178, 13.8964



11.1281, 10.9178, 10.9279

Square

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



9.9208, 10.9178, 13.8964



11.0566, 10.9178, 13.2638



10.8471, 10.9178, 10.0824



9.7259, 10.9178, 10.6101

Rectangle

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



9.9208, 10.9178, 13.8964



10.5904, 10.9178, 14.2720



10.8471, 10.9178, 10.0824



10.1666, 10.9178, 9.7848

Sweetspot

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



9.9211, 10.9182, 13.8966



19.7590, 21.0993, 24.1679



9.8826, 11.8010, 10.9246



4.8384, 5.1717, 5.9440



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.



9.9211, 10.9182, 13.8966



16.0931, 17.9095, 23.7454



9.1406, 9.3573, 13.6365



2.8344, 3.0469, 3.5707



5.8417, 6.7552, 17.1403



29.6584, 33.6135, 89.1263

Inverse Universe

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



10.4499, 9.6277, 12.1345



17.2112, 15.2616, 20.0015



11.1832, 11.9625, 9.7023



2.9010, 2.8751, 3.3511



8.4313, 4.1855, 7.6696



43.5654, 21.6661, 37.8501

Previews

White Background



This preview shows how the XYZ color 9.9208, 10.9178, 13.8964 looks on a white background.

Color Contrast Check

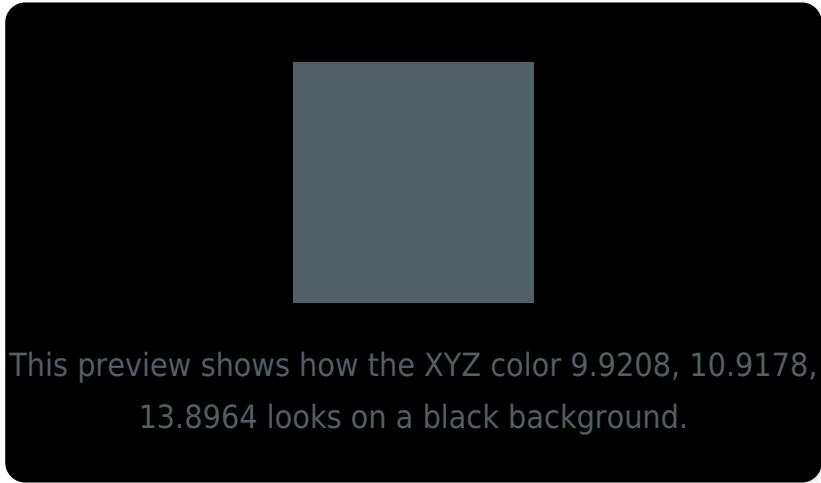
Large Text (above 18pt) WCAG AA ✓ Pass

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

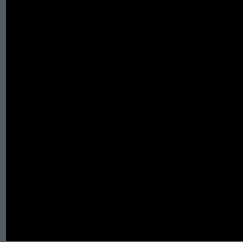
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.9208, 10.9178, 13.8964

Background



This preview shows how black text looks on a background with the XYZ color 9.9208, 10.9178, 13.8964.



This preview shows how white text looks on a background with the XYZ color 9.9208, 10.9178,

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

9.9208, 10.9178, 13.8964

Protanopia

10.4929, 10.8305, 13.3418

Deuteranopia

10.9842, 10.8130, 14.0786



Tritanopia

9.9702, 10.9376, 14.1560

Trichromacy



Original Color

9.9208, 10.9178, 13.8964

Protanomaly

10.2391, 10.8235, 13.6061

Deuteranomaly

10.6391, 10.8889, 14.1114

Tritanomaly

9.9702, 10.9376, 14.1560

Monochromacy



Original Color

9.9208, 10.9178, 13.8964

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.0044, 10.7296, 12.3702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.9208, 10.9178, 13.8964 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, 95, 101) looks like.

```
.text, #text, p{  
    color:rgb(82, 95, 101)  
}
```

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, 95, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 95, 101) }
```

Border

The CSS property to change the border of an element to XYZ 9.9208, 10.9178, 13.8964 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, 95, 101) }
```


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

```
.border{ border-color:rgb(82, 95, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 95, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 95, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 95, 101);  
box-shadow:4px 4px 4px 4px rgb(82, 95,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 9.9208, 10.9178, 13.8964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 95, 101) }
```

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

```
.background{ background-color: rgb(82, 95,  
101) }
```

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