Converting Colors

XYZ(9.8351, 9.1176, 11.8108)

Have a look what the booklet for XYZ(9.8351, 9.1176, 11.8108) contains.

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Color

XYZ(9.8188, 9.0869, 11.8261)

Conversions

Conversions Part 1

Format	Color
Hex	61505E
RGB	97, 80, 94
RGB Percent	38%, 31%, 37%
CMY	0.6196, 0.6863, 0.6314
CMYK	0.00, 0.18, 0.03, 0.62
HSL	311°, 10%, 35%
HSV	311°, 18%, 38%
XYZ	9.8188, 9.0869, 11.8261
YIQ	86.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

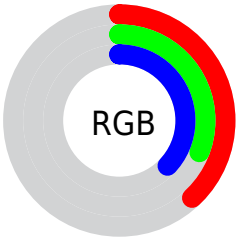
Format	Color
RYB	97, 80, 94
Decimal	6377566
CIELab	36.15, 9.82, -5.51
CIELCh	36, 11.259, 330.709
Yxy	9.0869, 0.3195, 0.2957
Android (android.graphics.Color)	4284567646 (0xFF61505E)
YUV	86.6790, 3.6093, 9.0515
Hunter-Lab	30.1445, 5.3890, -2.1592

Details

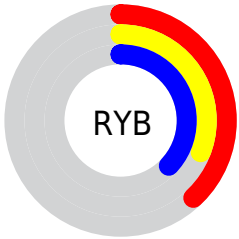
The XYZ color 9.8188, 9.0869, 11.8261 is a dark color, and the websafe version is hex 666666. A complement of this color would be 9.1447, 10.8796, 9.8021, and the grayscale version is 8.9821, 9.4498, 10.2909.

A 20% lighter version of the original color is 25.0970, 24.0100, 29.6972, and 2.4499, 2.0936, 3.0713 is the 20% darker color. If you saturate the color by 10%, you get 9.0834, 7.7375, 11.2062, and if you desaturate by 10%, it is 10.6590, 10.6429, 12.4895.

Distribution

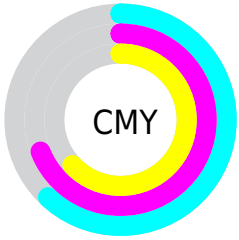


- Red (38%)
- Green (31%)
- Blue (37%)



- Red (38%)
- Yellow (31%)
- Blue (37%)

- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (62%)



- Cyan (62%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.8188, 9.0869, 11.8261 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 9.8188, 9.0869, 11.8261 by changing the saturation by 10% instead.

9.8188, 9.0869, 11.8261

9.8188, 9.0869, 11.8261

183.4547, 184.0248, 214.1875

5.3403, 4.7979, 6.5043

25.1069, 24.0633, 29.8376

2.4851, 2.1292, 3.0804

36.6472, 35.5194, 43.3644

0.8877, 0.6810, 1.1358

51.2722, 50.1334, 60.4633

0.0000, 0.0000, 0.0000

69.3473, 68.2896, 81.5527

91.2377, 90.3725, 107.0514

117.3088,

116.7664, 137.3777

147.9260, 147.8557, 172.9502

9.8188, 9.0869, 11.8261

9.8188, 9.0869, 11.8261

9.0834, 7.7375, 11.2062

10.6590, 10.6429, 12.4895

8.4475, 6.5847, 10.6278

11.6074, 12.4126, 13.1974

7.9069, 5.6196, 10.0894

12.6681, 14.4041, 13.9512

7.4563, 4.8320, 9.5893

13.8447, 16.6248, 14.7522

7.0903, 4.2107, 9.1255

15.1409, 19.0817, 15.6016

6.8026, 3.7436, 8.6960

16.5600, 21.7817, 16.5007

6.5862, 3.4163, 8.2983

18.1052, 24.7311, 17.4506

6.4151, 3.1773, 7.9238

19.7797, 27.9362, 18.4524

6.3734, 3.1188, 7.8325

21.5864, 31.4030, 19.5070

Harmonies

Analogous

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

9.3166, 9.0869, 13.4459

9.8188, 9.0869, 11.8261

10.0005, 9.0869, 9.8482

Triad

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

9.8188, 9.0869, 11.8261

8.6208, 9.0869, 6.6236

7.5684, 9.0869, 11.9160

Complementary

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

9.8188, 9.0869, 11.8261

9.1447, 10.8796, 9.8021

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.

7.4031, 9.0869, 9.9401

9.8188, 9.0869, 11.8261

7.9909, 9.0869, 7.0303

Square

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

9.8188, 9.0869, 11.8261

9.2874, 9.0869, 6.9937

7.5537, 9.0869, 8.1849

8.0173, 9.0869, 13.5024

Rectangle

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

9.8188, 9.0869, 11.8261

9.9085, 9.0869, 8.6372

7.5537, 9.0869, 8.1849

7.4789, 9.0869, 11.2674

Sweetspot

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

9.8191, 9.0873, 11.8263

18.6401, 18.9305, 21.6897

8.5793, 8.4323, 12.4848

4.6094, 4.6652, 5.3712

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.

9.8191, 9.0873, 11.8263

16.2942, 14.5890, 19.8282

9.4651, 8.9457, 9.9621

2.6515, 2.6215, 3.1189

8.6568, 4.2376, 10.5784

45.9569, 22.5222, 54.9867

Inverse Universe

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

9.8191, 9.0873, 11.8263

16.2942, 14.5890, 19.8282

9.4860, 11.0162, 11.5997

2.6515, 2.6215, 3.1189

8.6568, 4.2376, 10.5784

45.9569, 22.5222, 54.9867

Previews

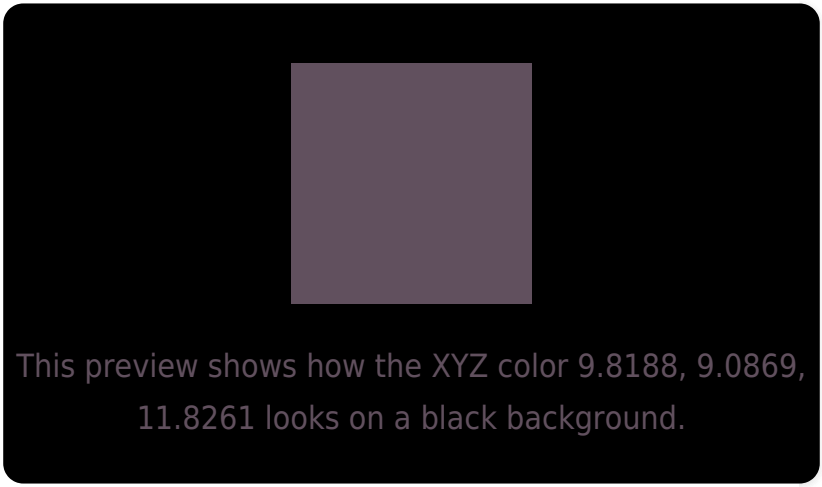
White Background

This preview shows how the XYZ color 9.8188, 9.0869, 11.8261 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

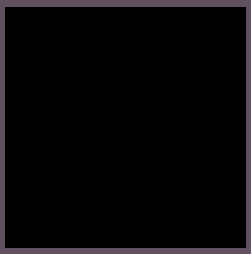


Color Contrast Check

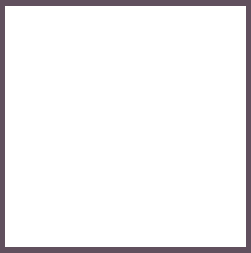
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 9.8188, 9.0869, 11.8261 Background



This preview shows how black text looks on a background with the XYZ color 9.8188, 9.0869, 11.8261.



This preview shows how white text looks on a background with the XYZ color 9.8188, 9.0869,

11.8261.

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
9.8188, 9.0869, 11.8261

Protanopia
8.9734, 9.1991, 12.6119

Deuteranopia
9.2855, 9.1505, 11.6327

Tritanopia
9.4866, 9.0598, 10.2655

Trichromacy

Original Color
9.8188, 9.0869, 11.8261

Protanomaly
9.2291, 9.1057, 12.3375

Deuteranomaly
9.5073, 9.1521, 11.6214

Tritanomaly
9.6118, 9.1098, 10.9246

Monochromacy

Original Color
9.8188, 9.0869, 11.8261

Achromatopsia
9.0590, 9.5307, 10.3790

Achromatomaly
9.3302, 9.3030, 10.9768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.8188, 9.0869, 11.8261 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(97, 80, 94) looks like.

```
.text, #text, p{
    color:rgb(97, 80, 94)
}
```

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(97, 80, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 80, 94) }
```

Border

The CSS property to change the border of an element to XYZ 9.8188, 9.0869, 11.8261 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(97, 80, 94) }
```

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

```
.border{ border-color:rgb(97, 80, 94) }
```

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

Here you see how a box with a 4 pixel rgb(97, 80, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 80, 94); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 80, 94); box-shadow:4px 4px 4px 4px rgb(97, 80, 94) }
```

Background

The CSS property to change the background color of an element to XYZ 9.8188, 9.0869, 11.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(97, 80, 94) }
```

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

```
.background{ background-color:rgb(97, 80,
94) }
```

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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