

Converting Colors

XYZ(11.2017, 10.0258, 18.2670)

Have a look what the booklet for
XYZ(11.2017, 10.0258, 18.2670)
contains.

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Color

**XYZ(11.1280, 9.9577,
18.1651)**

Conversions

Conversions Part 1

Format	Color
Hex	605375
RGB	96, 83, 117
RGB Percent	38%, 33%, 46%
CMY	0.6235, 0.6745, 0.5412
CMYK	0.18, 0.29, 0.00, 0.54
HSL	263°, 17%, 39%
HSV	263°, 29%, 46%
XYZ	11.1280, 9.9577, 18.1651
YIQ	90.7630, -3.1660, 13.3300

Conversions

Conversions Part 2

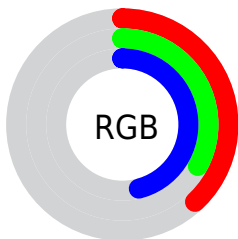
Format	Color
R_{YB}	96, 83, 117
Decimal	6312821
CIE _{Lab}	37.77, 12.85, -17.40
CIE _{LCh}	38, 21.632, 306.450
Yxy	9.9577, 0.2835, 0.2537
Android (android.graphics.Color)	4284502901 (0xFF605375)
YUV	90.7630, 12.9348, 4.5928
Hunter-Lab	31.5558, 7.7244, -12.0412

Details

The XYZ color **11.1280, 9.9577, 18.1651** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13.6319, 16.2904, 10.6100**, and the grayscale version is **9.8626, 10.3762, 11.2997**.

A 20% lighter version of the original color is **27.5816, 25.8427, 41.0705**, and **3.0339, 2.4689, 5.9469** is the 20% darker color. If you saturate the color by 10%, you get **9.5816, 7.9421, 17.8577**, and if you desaturate by 10%, it is **12.8960, 12.3123, 18.5266**.

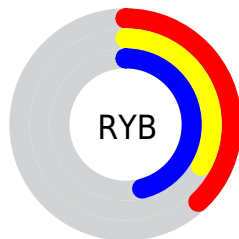
Distribution



Red (38%)

Green (33%)

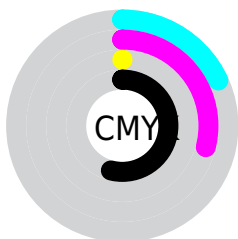
Blue (46%)



Red (38%)

Yellow (33%)

Blue (46%)

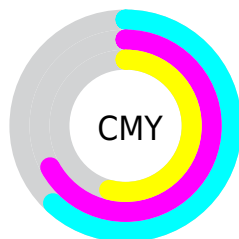


Cyan (18%)

Magenta (29%)

Yellow (0%)

Black (54%)



Cyan (62%)

Magenta (67%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1280, 9.9577, 18.1651 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 11.1280, 9.9577, 18.1651 by changing the saturation by 10% instead.

■ 11.1280, 9.9577,
18.1651

■ 11.1280, 9.9577,
18.1651

192.4338,
190.3699, 254.0673

■ 6.2209, 5.3709,
10.8979

■ 27.5275, 25.7159,
41.1362

■ 3.0218, 2.4665,
5.8849

■ 39.7506, 37.6561,
57.6772

■ 1.1653, 0.8598,
2.7076

■ 55.1431, 52.8163,
78.1465

■ 0.0787, 0.0000,
0.9472

■ 74.0703, 71.5808,
102.9627

■ 0.0000, 0.0000,
0.0000

■ 96.8977, 94.3340,
132.5444

123.9904,

121.4603, 167.3100

155.7141,
153.3441, 207.6781

■ 11.1280, 9.9577,
18.1651

■ 11.1280, 9.9577,
18.1651

■ 9.5816, 7.9421,
17.8577

■ 12.8960, 12.3123,
18.5266

■ 8.2465, 6.2482,
17.6011

■ 14.8936, 15.0198,
18.9439

■ 7.1127, 4.8589,
17.3927

■ 17.1294, 18.0947,
19.4195

■ 6.1691, 3.7550,
17.2294

■ 19.6113, 21.5502,
19.9557

■ 5.4035, 2.9151,
17.1076

■ 22.3469, 25.3991,
20.5545

■ 4.8017, 2.3144,
17.0234

■ 25.3433, 29.6534,
21.2177

■ 4.3233, 1.8756,
16.9639

■ 28.6074, 34.3246,
21.9473

■ 4.2814, 1.8362,
16.9585

■ 32.1460, 39.4239,
22.7450

■ 35.9653, 44.9618,
23.6127

Harmonies

Analogous

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



9.7654, 9.9577, 20.2682



11.1280, 9.9577, 18.1651



12.1078, 9.9577, 14.1663

Triad

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



11.1280, 9.9577, 18.1651



10.5634, 9.9577, 5.2666



7.0677, 9.9577, 11.7175

Complementary

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



11.1280, 9.9577, 18.1651



13.6319, 16.2904, 10.6100

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.



7.2369, 9.9577, 8.0836



11.1280, 9.9577, 18.1651



9.1699, 9.9577, 4.9138

Square

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



11.1280, 9.9577, 18.1651



11.7603, 9.9577, 6.9291



7.9756, 9.9577, 5.8113



7.4888, 9.9577, 16.0058

Rectangle

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



11.1280, 9.9577, 18.1651



12.3637, 9.9577, 11.3190



7.9756, 9.9577, 5.8113



7.0581, 9.9577, 10.3791

Sweetspot

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



11.1283, 9.9581, 18.1653



26.6039, 26.8058, 33.9088



11.7827, 13.1321, 18.7435



6.0150, 6.0244, 7.7748



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.1283, 9.9581, 18.1653



17.9895, 15.2967, 32.1414



13.0461, 10.9467, 18.2551



3.6207, 3.6518, 4.6043



4.7007, 2.0146, 18.6837



22.0157, 9.3580, 91.0062

Inverse Universe

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



12.9284, 10.9684, 14.5329



21.8424, 17.4619, 24.2383



11.9034, 15.3994, 10.5291



3.7701, 3.7353, 4.3161



9.3735, 4.6831, 7.1752



45.2509, 22.6505, 32.7144

Previews

White Background



This preview shows how the XYZ color 11.1280, 9.9577, 18.1651 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 11.1280, 9.9577, 18.1651 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 11.1280, 9.9577, 18.1651

Background



This preview shows how black text looks on a background with the XYZ color 11.1280, 9.9577, 18.1651.

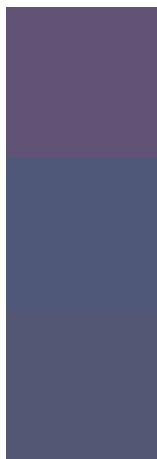


This preview shows how white text looks on a background with the XYZ color 11.1280, 9.9577,

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

11.1280, 9.9577, 18.1651

Protanopia

10.1654, 10.0222, 19.4879

Deuteranopia

10.1279, 9.9163, 17.9032



Tritanopia

9.8422, 9.8999, 11.9818

Trichromacy



Original Color

11.1280, 9.9577, 18.1651

Protanomaly

10.4643, 9.9429, 19.1370

Deuteranomaly

10.5047, 9.9912, 17.8978

Tritanomaly

10.2403, 9.9420, 13.9497

Monochromacy



Original Color

11.1280, 9.9577, 18.1651

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.3042, 10.2267, 13.4875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1280, 9.9577, 18.1651 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(96, 83, 117) looks like.

```
.text, #text, p{  
    color:rgb(96, 83, 117)  
}
```

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(96, 83, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 83, 117) }
```

Border

The CSS property to change the border of an element to XYZ 11.1280, 9.9577, 18.1651 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(96, 83, 117) }
```


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

```
.border{ border-color:rgb(96, 83, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 83, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 83, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 83, 117);  
box-shadow:4px 4px 4px 4px rgb(96, 83,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1280, 9.9577, 18.1651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 83, 117) }
```

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

```
.background{ background-color: rgb(96, 83,  
117) }
```

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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