

Converting Colors

XYZ(11.3445, 11.8024, 14.7203)

Have a look what the booklet for
XYZ(11.3445, 11.8024, 14.7203)
contains.

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Color

**XYZ(11.2977, 11.7449,
14.7682)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6068
RGB	94, 96, 104
RGB Percent	37%, 38%, 41%
CMY	0.6314, 0.6235, 0.5922
CMYK	0.10, 0.08, 0.00, 0.59
HSL	228°, 5%, 39%
HSV	228°, 10%, 41%
XYZ	11.2977, 11.7449, 14.7682
YIQ	96.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

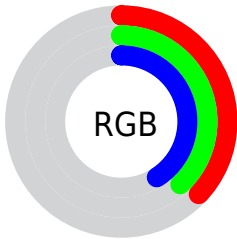
Format	Color
R_{YB}	94, 96, 104
Decimal	6185064
CIE Lab	40.81, 0.98, -4.81
CIE LCh	41, 4.913, 281.502
Yxy	11.7449, 0.2988, 0.3106
Android (android.graphics.Color)	4284375144 (0xFF5E6068)
YUV	96.3140, 3.7892, -2.0294
Hunter-Lab	34.2708, -1.1298, -1.5600

Details

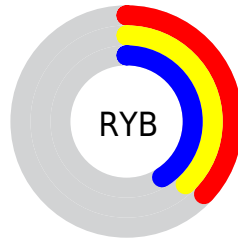
The XYZ color **11.2977, 11.7449, 14.7682** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4808, 13.2540, 12.4905**, and the grayscale version is **11.1865, 11.7691, 12.8166**.

A 20% lighter version of the original color is **27.6969, 28.8536, 35.1199**, and **3.0980, 3.2050, 4.3262** is the 20% darker color. If you saturate the color by 10%, you get **9.5831, 9.7935, 14.4821**, and if you desaturate by 10%, it is **13.2371, 13.9321, 15.0883**.

Distribution



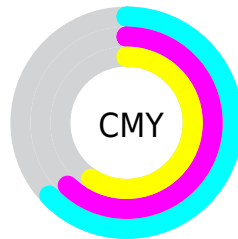
- Red (37%)
- Green (38%)
- Blue (41%)



- Red (37%)
- Yellow (38%)
- Blue (41%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (59%)



- Cyan (63%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2977, 11.7449, 14.7682 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 11.2977, 11.7449, 14.7682 by changing the saturation by 10% instead.

■ 11.2977, 11.7449,
14.7682

■ 11.2977, 11.7449,
14.7682

193.5651,
202.7091, 233.5511

■ 6.3362, 6.5702,
8.5121

■ 27.8375, 29.0296,
35.1826

■ 3.0932, 3.1948,
4.3319

■ 40.1464, 41.9085,
50.1778

■ 1.2032, 1.2343,
1.8091

■ 55.6353, 58.1242,
68.9232

■ 0.1089, 0.0894,
0.4340

■ 74.6694, 78.0611,
91.8373

■ 0.0000, 0.0000,
0.0000

97.6141, 102.1036,
119.3386

124.8347,

130.6362, 151.8456

156.6966,
164.0432, 189.7770

■ 11.2977, 11.7449,
14.7682

■ 11.2977, 11.7449,
14.7682

■ 9.5831, 9.7935,
14.4821

■ 13.2371, 13.9321,
15.0883

■ 8.0840, 8.0684,
14.2281

■ 15.4080, 16.3611,
15.4428

■ 6.7920, 6.5619,
14.0054

■ 17.8181, 19.0396,
15.8327

■ 5.6980, 5.2649,
13.8128

■ 20.4746, 21.9746,
16.2592

■ 4.7918, 4.1680,
13.6488

■ 23.3841, 25.1725,
16.7232

■ 4.0625, 3.2610,
13.5122

■ 26.5531, 28.6399,
17.2254

■ 3.4980, 2.5325,
13.4013

■ 29.9880, 32.3829,
17.7668

■ 3.0845, 1.9702,
13.3145

■ 33.6947, 36.4073,
18.3483

■ 2.7743, 1.5432,
13.2485

■ 37.6792, 40.7191,
18.9705

Harmonies

Analogous

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



10.9513, 11.7449, 14.7014



11.2977, 11.7449, 14.7682



11.6144, 11.7449, 14.2843

Triad

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



11.2977, 11.7449, 14.7682



11.6740, 11.7449, 11.5549



10.5380, 11.7449, 12.1873

Complementary

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



11.2977, 11.7449, 14.7682



12.4808, 13.2540, 12.4905

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.



10.7238, 11.7449, 11.4004



11.2977, 11.7449, 14.7682



11.3777, 11.7449, 11.0486

Square

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



11.2977, 11.7449, 14.7682



11.8347, 11.7449, 12.4083



11.0297, 11.7449, 10.9936



10.5176, 11.7449, 13.1758

Rectangle

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



11.2977, 11.7449, 14.7682



11.7642, 11.7449, 13.7286



11.0297, 11.7449, 10.9936



10.5830, 11.7449, 11.8918

Sweetspot

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



11.2980, 11.7454, 14.7685



21.9972, 23.0637, 26.2694



11.9567, 13.2365, 14.4520



5.3090, 5.5619, 6.3996



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.2980, 11.7454, 14.7685



18.9634, 19.6332, 25.7672



11.4137, 11.5375, 14.7222



2.7331, 2.8442, 3.5369



3.3857, 1.8432, 16.3217



17.1408, 8.5783, 84.9538

Inverse Universe

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



11.8232, 11.7933, 12.7200



20.1284, 19.7503, 21.2212



12.3564, 13.4853, 12.5417



2.8498, 2.8546, 3.0817



7.1916, 3.6896, 1.1416



37.2471, 19.1388, 4.5784

Previews

White Background



This preview shows how the XYZ color 11.2977, 11.7449, 14.7682 looks on a white background.

Color Contrast Check

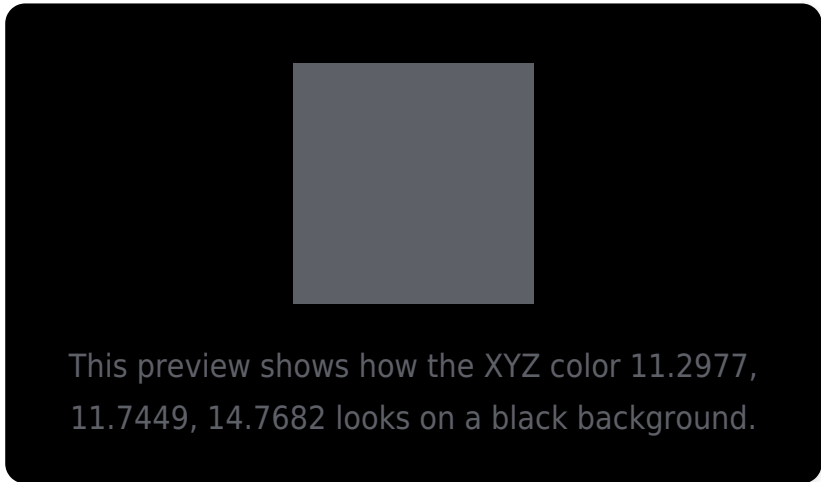
Large Text (above 18pt) WCAG AA ✓ Pass

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

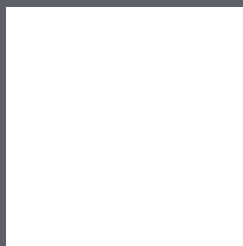
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2977, 11.7449, 14.7682

Background



This preview shows how black text looks on a background with the XYZ color 11.2977, 11.7449, 14.7682.



This preview shows how white text looks on a background with the XYZ color 11.2977, 11.7449,

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

11.2977, 11.7449, 14.7682

Protanopia

11.5054, 11.8520, 14.7780

Deuteranopia

11.9436, 11.6734, 14.9883



Tritanopia

11.2977, 11.7449, 14.7682

Trichromacy



Original Color

11.2977, 11.7449, 14.7682

Protanomaly

11.4009, 11.7981, 14.7731

Deuteranomaly

11.6981, 11.6780, 15.0021

Tritanomaly

11.2977, 11.7449, 14.7682

Monochromacy



Original Color

11.2977, 11.7449, 14.7682

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1543, 11.6995, 13.4747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2977, 11.7449, 14.7682 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(94, 96, 104) looks like.

```
.text, #text, p{  
    color:rgb(94, 96, 104)  
}
```

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(94, 96, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 96, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.2977, 11.7449, 14.7682 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(94, 96, 104) }
```


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

```
.border{ border-color:rgb(94, 96, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 96, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 96, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 96, 104);  
box-shadow:4px 4px 4px 4px rgb(94, 96,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2977, 11.7449, 14.7682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 96, 104) }
```

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

```
.background{ background-color: rgb(94, 96,  
104) }
```

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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