

Converting Colors

XYZ(11.7921, 13.0632, 14.4130)

Have a look what the booklet for
XYZ(11.7921, 13.0632, 14.4130)
contains.

XYZ(11.7627, 12.9870, 14.4571)	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(11.7627, 12.9870,
14.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6766
RGB	93, 103, 102
RGB Percent	36%, 40%, 40%
CMY	0.6353, 0.5961, 0.6000
CMYK	0.10, 0.00, 0.01, 0.60
HSL	174°, 5%, 38%
HSV	174°, 10%, 40%
XYZ	11.7627, 12.9870, 14.4571
YIQ	99.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

Format	Color
R_{YB}	93, 98, 103
Decimal	6121318
CIE Lab	42.74, -4.04, -0.75
CIE LCh	43, 4.106, 190.524
Yxy	12.9870, 0.3000, 0.3312
Android (android.graphics.Color)	4284311398 (0xFF5D6766)
YUV	99.8960, 1.0373, -6.0478
Hunter-Lab	36.0375, -4.8029, 1.4410

Details

The XYZ color **11.7627, 12.9870, 14.4571** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5287, 11.5207, 12.2064**, and the grayscale version is **12.0854, 12.7148, 13.8464**.

A 20% lighter version of the original color is **28.6331, 31.2507, 34.6599**, and **3.2761, 3.7085, 4.1576** is the 20% darker color. If you saturate the color by 10%, you get **10.7388, 12.4654, 14.1439**, and if you desaturate by 10%, it is **12.9284, 13.5824, 14.7808**.

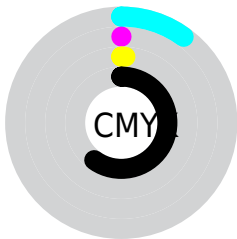
Distribution



- Red (36%)
- Green (40%)
- Blue (40%)



- Red (36%)
- Yellow (38%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7627, 12.9870, 14.4571 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 11.7627, 12.9870, 14.4571 by changing the saturation by 10% instead.

■ 11.7627, 12.9870,
14.4571

■ 11.7627, 12.9870,
14.4571

196.6301,
210.8343, 231.5827

■ 6.6534, 7.4196,
8.2969

■ 28.6828, 31.2804,
34.6266

■ 3.2907, 3.7259,
4.1950

■ 41.2242, 44.7752,
49.4731

■ 1.3093, 1.5214,
1.7329

■ 56.9738, 61.6813,
68.0520

■ 0.1901, 0.3037,
0.3832

■ 76.2967, 82.3830,
90.7819

■ 0.0000, 0.0000,
0.0000

99.5585, 107.2648,
118.0814

127.1244,

136.7110, 150.3690

159.3598,
171.1061, 188.0632

■ 11.7627, 12.9870,
14.4571

■ 11.7627, 12.9870,
14.4571

■ 10.7388, 12.4654,
14.1439

■ 12.9284, 13.5824,
14.7808

■ 9.8501, 12.0131,
13.8401

■ 14.2401, 14.2525,
15.1144

■ 9.0909, 11.6274,
13.5456

■ 15.7032, 15.0007,
15.4585

■ 8.4550, 11.3052,
13.2602

■ 17.3224, 15.8292,
15.8132

■ 7.9352, 11.0429,
12.9835

■ 19.1023, 16.7406,
16.1788

■ 7.5241, 10.8364,
12.7152

■ 21.0472, 17.7369,
16.5555

■ 7.2130, 10.6815,
12.4548

■ 23.1613, 18.8203,
16.9435

■ 6.9922, 10.5730,
12.2019

■ 25.4487, 19.9931,
17.3431

■ 6.8173, 10.4882,
11.9543

■ 27.9133, 21.2571,
17.7543

Harmonies

Analogous

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



11.7862, 12.9870, 13.5749



11.7627, 12.9870, 14.4571



11.8929, 12.9870, 15.2878

Triad

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



11.7627, 12.9870, 14.4571



12.7381, 12.9870, 15.4886



12.5451, 12.9870, 12.5804

Complementary

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



11.7627, 12.9870, 14.4571



11.5287, 11.5207, 12.2064

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.



12.8059, 12.9870, 13.0523



11.7627, 12.9870, 14.4571



12.9186, 12.9870, 14.7218

Square

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



11.7627, 12.9870, 14.4571



12.4538, 12.9870, 15.8998



12.9436, 12.9870, 13.8288



12.2344, 12.9870, 12.5162

Rectangle

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



11.7627, 12.9870, 14.4571



12.0506, 12.9870, 15.6913



12.9436, 12.9870, 13.8288



12.6416, 12.9870, 12.6956

Sweetspot

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



11.7631, 12.9875, 14.4574



22.4149, 23.9448, 26.2676



11.4596, 12.8799, 12.2381



5.4331, 5.8238, 6.3989



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.



11.7631, 12.9875, 14.4574



20.5533, 22.9950, 25.7361



11.4404, 12.2622, 14.5966



2.8924, 3.1807, 3.5347



8.5631, 13.1889, 14.9929



44.4785, 68.7140, 77.2330

Inverse Universe

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



11.5287, 11.5207, 12.2064



20.0286, 19.7105, 20.6959



11.8291, 12.1929, 12.0860



2.8396, 2.8505, 3.0280



7.1007, 3.6532, 0.6628



36.8715, 18.9886, 2.6009

Previews

White Background



This preview shows how the XYZ color 11.7627, 12.9870, 14.4571 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



This preview shows how the XYZ color 11.7627, 12.9870, 14.4571 looks on a 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

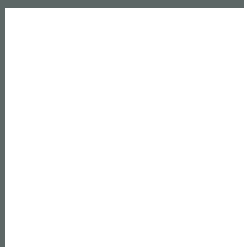
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7627, 12.9870, 14.4571

Background



This preview shows how black text looks on a background with the XYZ color 11.7627, 12.9870, 14.4571.



This preview shows how white text looks on a background with the XYZ color 11.7627, 12.9870,

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

11.7627, 12.9870, 14.4571

Protanopia

12.4509, 12.9180, 13.8938

Deuteranopia

13.1225, 12.9658, 14.6430



Tritanopia

12.1819, 13.0082, 16.6206

Trichromacy



Original Color

11.7627, 12.9870, 14.4571

Protanomaly

12.1482, 12.8996, 14.1615

Deuteranomaly

12.5989, 12.9772, 14.6728

Tritanomaly

12.0213, 12.9440, 15.7748

Monochromacy



Original Color

11.7627, 12.9870, 14.4571

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.9324, 12.7883, 14.1514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7627, 12.9870, 14.4571 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(93, 103, 102) looks like.

```
.text, #text, p{  
    color:rgb(93, 103, 102)  
}
```

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(93, 103, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 103, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.7627, 12.9870, 14.4571 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(93, 103, 102) }
```


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

```
.border{ border-color:rgb(93, 103, 102) }
```

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

Here you see how a box with a 4 pixel rgb(93, 103, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 103, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 103, 102);  
box-shadow:4px 4px 4px 4px rgb(93, 103,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7627, 12.9870, 14.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 103, 102) }
```

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

```
.background{ background-color: rgb(93, 103,  
102) }
```

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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