

Converting Colors

XYZ(11.8719, 12.9125, 15.0284)

Have a look what the booklet for
XYZ(11.8719, 12.9125, 15.0284)
contains.

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Color

**XYZ(11.8662, 12.8819,
14.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6668
RGB	94, 102, 104
RGB Percent	37%, 40%, 41%
CMY	0.6314, 0.6000, 0.5922
CMYK	0.10, 0.02, 0.00, 0.59
HSL	192°, 5%, 39%
HSV	192°, 10%, 41%
XYZ	11.8662, 12.8819, 14.9577
YIQ	99.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

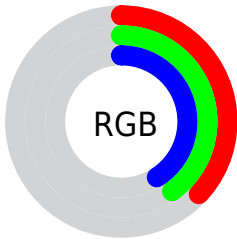
Format	Color
R_{YB}	94, 98, 104
Decimal	6186600
CIE _{Lab}	42.58, -2.62, -2.19
CIE _{LCh}	43, 3.416, 219.832
Yxy	12.8819, 0.2989, 0.3244
Android (android.graphics.Color)	4284376680 (0xFF5E6668)
YUV	99.8360, 2.0529, -5.1182
Hunter-Lab	35.8914, -3.7952, 0.4149

Details

The XYZ color **11.8662, 12.8819, 14.9577** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9123, 12.1170, 12.3010**, and the grayscale version is **12.0676, 12.6960, 13.8260**.

A 20% lighter version of the original color is **28.8092, 31.0783, 35.4907**, and **3.3236, 3.6562, 4.4014** is the 20% darker color. If you saturate the color by 10%, you get **10.6692, 11.9657, 14.8441**, and if you desaturate by 10%, it is **13.2128, 13.8835, 15.0803**.

Distribution



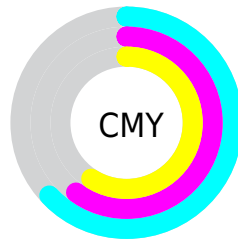
- Red (37%)
- Green (40%)
- Blue (41%)



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



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)



- Cyan (63%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8662, 12.8819, 14.9577 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 11.8662, 12.8819, 14.9577 by changing the saturation by 10% instead.

■ 11.8662, 12.8819,
14.9577

■ 11.8662, 12.8819,
14.9577

197.3055,
210.1594, 234.7420

■ 6.7242, 7.3473,
8.6434

■ 28.8702, 31.0914,
35.5202

■ 3.3350, 3.6802,
4.4157

■ 41.4628, 44.5352,
50.6055

■ 1.3333, 1.4963,
1.8561

■ 57.2697, 61.3840,
69.4516

■ 0.2079, 0.2861,
0.4646

■ 76.6562, 82.0224,
92.4769

■ 0.0000, 0.0000,
0.0000

99.9877, 106.8348,
120.1001

127.6295,

136.2055, 152.7396

159.9470,
170.5189, 190.8141

■ 11.8662, 12.8819,
14.9577

■ 11.8662, 12.8819,
14.9577

■ 10.6692, 11.9657,
14.8441

■ 13.2128, 13.8835,
15.0803

■ 9.6149, 11.1303,
14.7385

■ 14.7134, 14.9718,
15.2112

■ 8.6976, 10.3730,
14.6406

■ 16.3733, 16.1500,
15.3512

■ 7.9107, 9.6903,
14.5503

■ 18.1976, 17.4207,
15.5003

■ 7.2470, 9.0786,
14.4672

■ 20.1909, 18.7863,
15.6588

6.6988, 8.5337,
14.3910

22.3578, 20.2492,
15.8270

6.2572, 8.0511,
14.3211

24.7025, 21.8118,
16.0050

5.9122, 7.6254,
14.2571

27.2292, 23.4762,
16.1931

5.6197, 7.2339,
14.1970

29.9419, 25.2444,
16.3914

Harmonies

Analogous

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



11.7607, 12.8819, 14.2706



11.8662, 12.8819, 14.9577



12.0733, 12.8819, 15.4050

Triad

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



11.8662, 12.8819, 14.9577



12.7163, 12.8819, 14.5226



12.1592, 12.8819, 12.6701

Complementary

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



11.8662, 12.8819, 14.9577



11.9123, 12.1170, 12.3010

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.



12.4160, 12.8819, 12.7322



11.8662, 12.8819, 14.9577



12.7401, 12.8819, 13.7846

Square

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



11.8662, 12.8819, 14.9577



12.5649, 12.8819, 15.1477



12.6294, 12.8819, 13.1342



11.9283, 12.8819, 12.9614

Rectangle

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



11.8662, 12.8819, 14.9577



12.2424, 12.8819, 15.4981



12.6294, 12.8819, 13.1342



12.2453, 12.8819, 12.6506

Sweetspot

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



11.8666, 12.8824, 14.9580



22.3307, 23.7307, 26.3806



11.6704, 13.1220, 12.9442



5.4081, 5.7600, 6.4326



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.



11.8666, 12.8824, 14.9580



20.2211, 22.1484, 26.1864



11.4052, 11.9597, 14.8042



2.8595, 3.0971, 3.5791



6.8914, 8.8546, 17.4902



35.3197, 44.9361, 91.0134

Inverse Universe

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



12.1102, 11.9081, 14.2312



20.7632, 20.0043, 24.5639



12.3670, 13.0265, 12.4526



2.9136, 2.8801, 3.4178



8.9612, 4.3974, 10.4597



46.4229, 22.8092, 52.8979

Previews

White Background



This preview shows how the XYZ color 11.8662, 12.8819, 14.9577 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 11.8662, 12.8819, 14.9577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

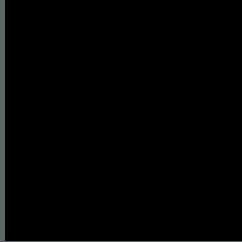
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

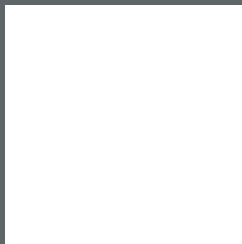
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8662, 12.8819, 14.9577

Background



This preview shows how black text looks on a background with the XYZ color 11.8662, 12.8819, 14.9577.



This preview shows how white text looks on a background with the XYZ color 11.8662, 12.8819,

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

11.8662, 12.8819, 14.9577

Protanopia

12.3722, 12.8603, 14.6622

Deuteranopia

13.0088, 12.7575, 15.1414



Tritanopia

12.1333, 12.8444, 16.3077

Trichromacy

**Original Color**

11.8662, 12.8819, 14.9577

Protanomaly

12.1389, 12.8833, 14.6789

Deuteranomaly

12.6052, 12.8272, 15.1761

Tritanomaly

12.0268, 12.8018, 15.7470

Monochromacy

**Original Color**

11.8662, 12.8819, 14.9577

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.0396, 12.8436, 14.1564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8662, 12.8819, 14.9577 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, 102, 104) looks like.

```
.text, #text, p{  
    color:rgb(94, 102, 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, 102, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 102, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.8662, 12.8819, 14.9577 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, 102, 104) }
```


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

```
.border{ border-color:rgb(94, 102, 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, 102, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 102, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 102, 104);  
box-shadow:4px 4px 4px 4px rgb(94, 102,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8662, 12.8819, 14.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 102, 104) }
```

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

```
.background{ background-color: rgb(94, 102,  
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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