

Converting Colors

XYZ(11.9573, 11.9433, 14.2454)

Have a look what the booklet for
XYZ(11.9573, 11.9433, 14.2454)
contains.

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Color

**XYZ(11.9700, 11.9685,
14.2496)**

Conversions

Conversions Part 1

Format	Color
Hex	665F66
RGB	102, 95, 102
RGB Percent	40%, 37%, 40%
CMY	0.6000, 0.6274, 0.6000
CMYK	0.00, 0.07, 0.00, 0.60
HSL	300°, 4%, 39%
HSV	300°, 7%, 40%
XYZ	11.9700, 11.9685, 14.2496
YIQ	97.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

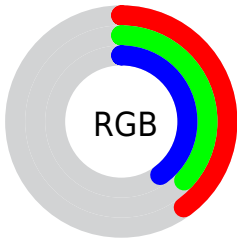
Format	Color
R_{YB}	102, 95, 102
Decimal	6709094
CIE Lab	41.17, 4.22, -2.98
CIE LCh	41, 5.165, 324.765
Yxy	11.9685, 0.3134, 0.3134
Android (android.graphics.Color)	4284899174 (0xFF665F66)
YUV	97.8910, 2.0257, 3.6036
Hunter-Lab	34.5955, 1.2186, -0.2042

Details

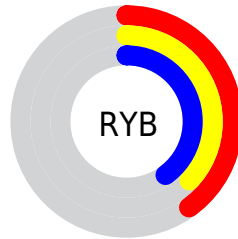
The XYZ color **11.9700, 11.9685, 14.2496** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5367, 12.7623, 12.6825**, and the grayscale version is **11.5774, 12.1804, 13.2644**.

A 20% lighter version of the original color is **29.0120, 29.3230, 34.2678**, and **3.3634, 3.2847, 4.0712** is the 20% darker color. If you saturate the color by 10%, you get **11.1108, 10.2501, 13.9631**, and if you desaturate by 10%, it is **12.9502, 13.9286, 14.5767**.

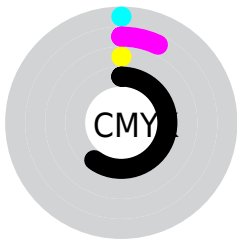
Distribution



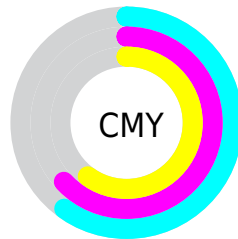
- Red (40%)
- Green (37%)
- Blue (40%)



- Red (40%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9700, 11.9685, 14.2496 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 11.9700, 11.9685, 14.2496 by changing the saturation by 10% instead.

■ 11.9700, 11.9685,
14.2496

■ 11.9700, 11.9685,
14.2496

197.9806,
204.1966, 230.2603

■ 6.7953, 6.7222,
8.1537

■ 29.0578, 29.4377,
34.2547

■ 3.3796, 3.2890,
4.1043

■ 41.7016, 42.4295,
49.0011

■ 1.3575, 1.2844,
1.6827

■ 57.5658, 58.7718,
67.4680

■ 0.2257, 0.1291,
0.3489

■ 77.0158, 78.8492,
90.0741

■ 0.0000, 0.0000,
0.0000

100.4169,
103.0460, 117.2378

128.1345,

131.7465, 149.3777

160.5339,
165.3353, 186.9124

■ 11.9700, 11.9685,
14.2496

■ 11.9700, 11.9685,
14.2496

■ 11.1108, 10.2501,
13.9631

■ 12.9502, 13.9286,
14.5767

■ 10.3670, 8.7625,
13.7150

■ 14.0548, 16.1377,
14.9451

■ 9.7339, 7.4964,
13.5037

■ 15.2882, 18.6045,
15.3565

■ 9.2063, 6.4413,
13.3276

■ 16.6545, 21.3371,
15.8121

■ 8.7784, 5.5856,
13.1848

■ 18.1575, 24.3429,
16.3134

■ 8.4440, 4.9168,
13.0731

■ 19.8008, 27.6294,
16.8613

■ 8.1961, 4.4210,
12.9902

■ 21.5879, 31.2036,
17.4573

■ 8.0267, 4.0822,
12.9335

■ 23.5222, 35.0721,
18.1022

■ 7.9123, 3.8535,
12.8952

■ 25.6070, 39.2416,
18.7974

Harmonies

Analogous

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



11.6780, 11.9685, 14.9817



11.9700, 11.9685, 14.2496



12.1030, 11.9685, 13.2195

Triad

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



11.9700, 11.9685, 14.2496



11.4411, 11.9685, 11.0963



10.7385, 11.9685, 13.9088

Complementary

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



11.9700, 11.9685, 14.2496



11.5367, 12.7623, 12.6825

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.



10.6782, 11.9685, 12.8457



11.9700, 11.9685, 14.2496



11.0787, 11.9685, 11.2586

Square

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



11.9700, 11.9685, 14.2496



11.7934, 11.9685, 11.4290



10.8014, 11.9685, 11.8852



10.9680, 11.9685, 14.7775

Rectangle

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



11.9700, 11.9685, 14.2496



12.0815, 11.9685, 12.5165



10.8014, 11.9685, 11.8852



10.6980, 11.9685, 13.5607

Sweetspot

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



11.9703, 11.9690, 14.2499



21.7916, 22.5879, 25.2570



11.2103, 11.5772, 14.2145



5.1481, 5.3432, 5.9607



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.9703, 11.9690, 14.2499



20.7744, 20.5535, 24.9176



11.8004, 11.9010, 13.3551



2.9359, 2.8890, 3.5348



10.1170, 4.8597, 16.5461



52.7652, 25.3461, 86.2957

Inverse Universe

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



11.9703, 11.9690, 14.2499



20.7744, 20.5535, 24.9176



11.6994, 12.8273, 13.5392



2.9359, 2.8890, 3.5348



10.1170, 4.8597, 16.5461



52.7652, 25.3461, 86.2957

Previews

White Background



This preview shows how the XYZ color 11.9700, 11.9685, 14.2496 looks on a white background.

Color Contrast Check

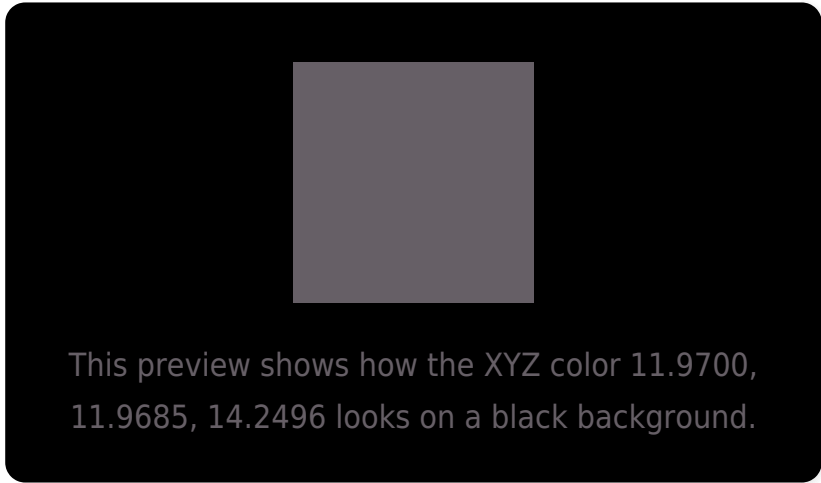
Large Text (above 18pt) WCAG AA ✓ Pass

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

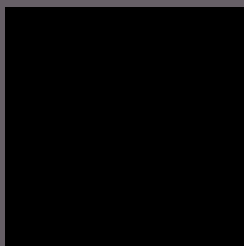
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9700, 11.9685, 14.2496

Background



This preview shows how black text looks on a background with the XYZ color 11.9700, 11.9685, 14.2496.



This preview shows how white text looks on a background with the XYZ color 11.9700, 11.9685,

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

11.9700, 11.9685, 14.2496

Protanopia

11.6526, 12.0700, 14.5476

Deuteranopia

12.1099, 11.9078, 14.2305



Tritanopia

11.9700, 11.9685, 14.2496

Trichromacy



Original Color

11.9700, 11.9685, 14.2496

Protanomaly

11.7766, 11.9977, 14.5270

Deuteranomaly

11.9945, 11.8483, 14.2251

Tritanomaly

11.9700, 11.9685, 14.2496

Monochromacy



Original Color

11.9700, 11.9685, 14.2496

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.6724, 12.1029, 13.5253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9700, 11.9685, 14.2496 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(102, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(102, 95, 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(102, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 95, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.9700, 11.9685, 14.2496 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(102, 95, 102) }
```


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

```
.border{ border-color:rgb(102, 95, 102) }
```

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

Here you see how a box with a 4 pixel rgb(102, 95, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(102, 95,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9700, 11.9685, 14.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 95, 102) }
```

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

```
.background{ background-color: rgb(102, 95,  
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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