

Converting Colors

XYZ(14.7620, 15.0730, 27.0390)

Have a look what the booklet for
XYZ(14.7620, 15.0730, 27.0390)
contains.

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Color

**XYZ(14.7123, 14.9983,
26.9305)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6C8C
RGB	94, 108, 140
RGB Percent	37%, 42%, 55%
CMY	0.6314, 0.5765, 0.4510
CMYK	0.33, 0.23, 0.00, 0.45
HSL	222°, 20%, 46%
HSV	222°, 33%, 55%
XYZ	14.7123, 14.9983, 26.9305
YIQ	107.4620, -18.6160, 6.9840

Conversions

Conversions Part 2

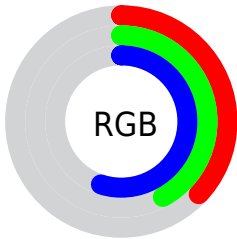
Format	Color
R _Y B	94, 105, 140
Decimal	6188172
CIE Lab	45.63, 2.81, -19.28
CIE LCh	46, 19.484, 278.287
Yxy	14.9983, 0.2597, 0.2648
Android (android.graphics.Color)	4284378252 (0xFF5E6C8C)
YUV	107.4620, 16.0412, -11.8062
Hunter-Lab	38.7276, 0.0373, -14.1198

Details

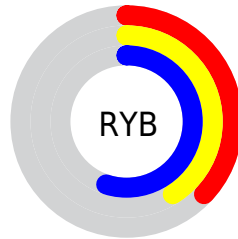
The XYZ color **14.7123, 14.9983, 26.9305** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.2967, 21.3055, 13.6328**, and the grayscale version is **14.0644, 14.7968, 16.1137**.

A 20% lighter version of the original color is **33.9898, 34.8023, 55.9650**, and **4.6409, 4.6565, 10.3271** is the 20% darker color. If you saturate the color by 10%, you get **12.4345, 12.3838, 26.5462**, and if you desaturate by 10%, it is **17.3663, 17.9778, 27.3660**.

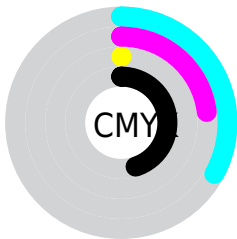
Distribution



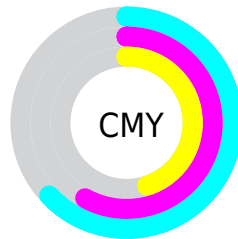
- Red (37%)
- Green (42%)
- Blue (55%)



- Red (37%)
- Yellow (41%)
- Blue (55%)



- Cyan (33%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (63%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7123, 14.9983, 26.9305 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 14.7123, 14.9983, 26.9305 by changing the saturation by 10% instead.

■ 14.7123, 14.9983,
26.9305

■ 14.7123, 14.9983,
26.9305

215.0413,
223.3559, 301.0700

■ 8.7027, 8.8182,
17.2891

■ 33.9235, 34.8502,
55.7747

■ 4.6033, 4.6228,
10.2767

■ 47.8558, 49.2908,
75.8145

■ 2.0488, 2.0277,
5.4748

■ 65.1598, 67.2536,
100.1576

■ 0.6612, 0.6235,
2.4649

■ 86.2007, 89.1232,
129.2224

■ 0.0000, 0.0000,
0.8215

111.3439,
115.2838, 163.4275

■ 0.0000, 0.0000,
0.0000

140.9549,

146.1198, 203.1914

175.3989,
182.0158, 248.9328

■ 14.7123, 14.9983,
26.9305

■ 14.7123, 14.9983,
26.9305

■ 12.4345, 12.3838,
26.5462

■ 17.3663, 17.9778,
27.3660

■ 10.5135, 10.1177,
26.2100

■ 20.4116, 21.3343,
27.8533

■ 8.9305, 8.1847,
25.9203

■ 23.8642, 25.0816,
28.3947

■ 7.6641, 6.5675,
25.6749

■ 27.7390, 29.2322,
28.9916

■ 6.6902, 5.2473,
25.4714

■ 32.0498, 33.7978,
29.6456

■ 5.9811, 4.2025,
25.3071

■ 36.8100, 38.7900,
30.3583

■ 5.5835, 3.5931,
25.2105

■ 42.0322, 44.2196,
31.1311

■ 47.7288, 50.0972,
31.9654

■ 53.9114, 56.4330,
32.8624

Harmonies

Analogous

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



13.1262, 14.9983, 26.1788



14.7123, 14.9983, 26.9305



16.2886, 14.9983, 24.4452

Triad

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



14.7123, 14.9983, 26.9305



16.8619, 14.9983, 11.3731



11.5354, 14.9983, 13.2275

Complementary

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



14.7123, 14.9983, 26.9305



20.2967, 21.3055, 13.6328

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.



12.3990, 14.9983, 10.2456



14.7123, 14.9983, 26.9305



15.4477, 14.9983, 9.3258

Square

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



14.7123, 14.9983, 26.9305



17.5901, 14.9983, 15.0698



13.8081, 14.9983, 8.9566



11.3713, 14.9983, 17.6598

Rectangle

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



14.7123, 14.9983, 26.9305



17.0937, 14.9983, 21.5226



13.8081, 14.9983, 8.9566



11.7501, 14.9983, 12.0489

Sweetspot

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



14.7128, 14.9989, 26.9308



37.5255, 39.2927, 49.3494



17.7240, 22.6280, 22.9814



8.4788, 8.8709, 11.3448



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.7128, 14.9989, 26.9308



23.0730, 23.1655, 46.9983



14.2655, 12.7495, 26.5202



4.8907, 5.1244, 6.3372



4.9770, 3.2243, 22.4057



0.0448, 0.0449, 0.1528

Inverse Universe

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



17.5251, 14.6640, 16.0948



28.8515, 22.7410, 24.6740



20.8469, 24.4353, 14.2079



5.0915, 5.0720, 5.5702



9.9990, 5.1097, 2.4989



0.0723, 0.0363, 0.0478

Previews

White Background



This preview shows how the XYZ color 14.7123, 14.9983, 26.9305 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 14.7123, 14.9983, 26.9305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

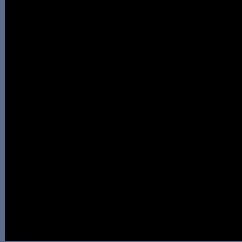
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

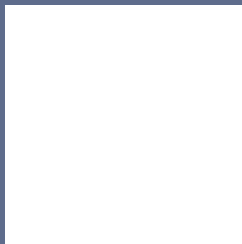
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7123, 14.9983, 26.9305

Background



This preview shows how black text looks on a background with the XYZ color 14.7123, 14.9983, 26.9305.

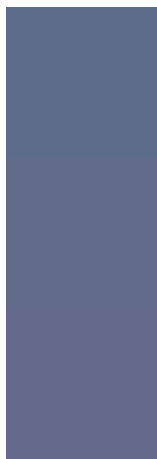


This preview shows how white text looks on a background with the XYZ color 14.7123, 14.9983,

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

14.7123, 14.9983, 26.9305

Protanopia

15.0635, 15.0321, 26.5337

Deuteranopia

15.2545, 14.9682, 26.8961



Tritanopia

13.4008, 15.1181, 19.9811

Trichromacy



Original Color

14.7123, 14.9983, 26.9305

Protanomaly

14.8477, 14.9209, 26.5236

Deuteranomaly

15.0283, 15.0055, 26.9152

Tritanomaly

13.8296, 15.1253, 22.2693

Monochromacy



Original Color

14.7123, 14.9983, 26.9305

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0670, 14.6721, 19.5433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7123, 14.9983, 26.9305 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, 108, 140) looks like.

```
.text, #text, p{  
    color:rgb(94, 108, 140)  
}
```

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, 108, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 108, 140) }
```

Border

The CSS property to change the border of an element to XYZ 14.7123, 14.9983, 26.9305 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, 108, 140) }
```


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

```
.border{ border-color:rgb(94, 108, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 108, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 108, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 108, 140);  
box-shadow:4px 4px 4px 4px rgb(94, 108,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7123, 14.9983, 26.9305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 108, 140) }
```

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

```
.background{ background-color: rgb(94, 108,  
140) }
```

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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