

Converting Colors

XYZ(14.9223, 15.3312, 27.8050)

Have a look what the booklet for
XYZ(14.9223, 15.3312, 27.8050)
contains.

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Color

**XYZ(14.9726, 15.4320,
27.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6E8E
RGB	93, 110, 142
RGB Percent	36%, 43%, 56%
CMY	0.6353, 0.5686, 0.4431
CMYK	0.35, 0.23, 0.00, 0.44
HSL	219°, 21%, 46%
HSV	219°, 35%, 56%
XYZ	14.9726, 15.4320, 27.7807
YIQ	108.5650, -20.4040, 6.3480

Conversions

Conversions Part 2

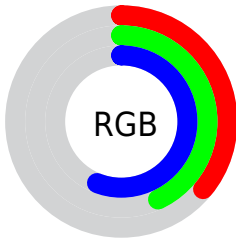
Format	Color
R_{YB}	93, 106, 142
Decimal	6123150
CIE Lab	46.22, 1.85, -19.57
CIE LCh	46, 19.661, 275.387
Yxy	15.4320, 0.2573, 0.2652
Android (android.graphics.Color)	4284313230 (0xFF5D6E8E)
YUV	108.5650, 16.4835, -13.6505
Hunter-Lab	39.2836, -0.7125, -14.4304

Details

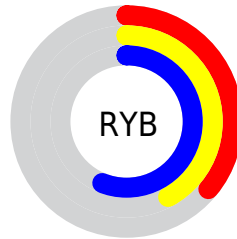
The XYZ color **14.9726, 15.4320, 27.7807** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.4650, 21.2086, 13.3714**, and the grayscale version is **14.3723, 15.1207, 16.4665**.

A 20% lighter version of the original color is **34.3857, 35.4950, 57.2635**, and **4.7480, 4.8632, 10.8137** is the 20% darker color. If you saturate the color by 10%, you get **12.7179, 12.8616, 27.4037**, and if you desaturate by 10%, it is **17.5999, 18.3507, 28.2059**.

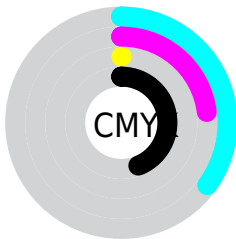
Distribution



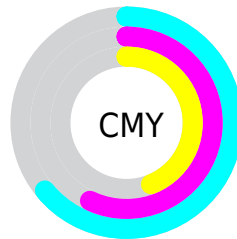
- Red (36%)
- Green (43%)
- Blue (56%)



- Red (36%)
- Yellow (42%)
- Blue (56%)



- Cyan (35%)
- Magenta (23%)
- Yellow (0%)
- Black (44%)



- Cyan (64%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9726, 15.4320, 27.7807 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 14.9726, 15.4320, 27.7807 by changing the saturation by 10% instead.

■ 14.9726, 15.4320,
27.7807

■ 14.9726, 15.4320,
27.7807

216.5920,
225.9663, 305.2964

■ 8.8863, 9.1231,
17.9228

■ 34.3772, 35.6093,
57.1530

■ 4.7236, 4.8216,
10.7257

■ 48.4262, 50.2465,
77.5045

■ 2.1191, 2.1430,
5.7709

■ 65.8602, 68.4286,
102.1910

■ 0.6996, 0.6886,
2.6397

■ 87.0445, 90.5399,
131.6309

■ 0.0000, 0.0000,
0.9129

112.3444,
116.9650, 166.2429

■ 0.0000, 0.0000,
0.0000

142.1254,

148.0882, 206.4454

176.7528,
184.2938, 252.6571

■ 14.9726, 15.4320,
27.7807

■ 14.9726, 15.4320,
27.7807

■ 12.7179, 12.8616,
27.4037

■ 17.5999, 18.3507,
28.2059

■ 10.8164, 10.6236,
27.0719

■ 20.6151, 21.6290,
28.6797

■ 9.2489, 8.7035,
26.7839

■ 24.0344, 25.2800,
29.2042

■ 7.9937, 7.0848,
26.5376

■ 27.8724, 29.3155,
29.7809

■ 7.0264, 5.7494,
26.3309

■ 32.1433, 33.7467,
30.4111

■ 6.3163, 4.6755,
26.1610

■ 36.8604, 38.5845,
31.0962

■ 5.9921, 4.1721,
26.0809

■ 42.0364, 43.8392,
31.8377

■ 47.6835, 49.5208,
32.6367

■ 53.8136, 55.6388,
33.4945

Harmonies

Analogous

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



13.3648, 15.4320, 26.6790



14.9726, 15.4320, 27.7807



16.6161, 15.4320, 25.5159

Triad

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



14.9726, 15.4320, 27.7807



17.4578, 15.4320, 12.0006



11.9261, 15.4320, 13.2414

Complementary

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



14.9726, 15.4320, 27.7807



20.4650, 21.2086, 13.3714

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.



12.8778, 15.4320, 10.3404



14.9726, 15.4320, 27.7807



16.0526, 15.4320, 9.7255

Square

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



14.9726, 15.4320, 27.7807



18.1193, 15.4320, 15.9503



14.3669, 15.4320, 9.1814



11.6848, 15.4320, 17.6852

Rectangle

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



14.9726, 15.4320, 27.7807



17.4859, 15.4320, 22.6157



14.3669, 15.4320, 9.1814



12.1698, 15.4320, 12.0825

Sweetspot

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



14.9731, 15.4326, 27.7811



38.8553, 40.8258, 50.9602



17.8797, 23.1503, 22.8783



8.5155, 8.9441, 11.3570



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.



14.9731, 15.4326, 27.7811



23.4199, 23.8248, 48.4922



14.0916, 12.5115, 27.2637



5.2731, 5.5419, 6.8205



5.3959, 3.7778, 23.4219



0.0707, 0.0744, 0.2303

Inverse Universe

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



17.8846, 14.7057, 16.6483



29.4022, 22.6682, 25.5416



21.5846, 25.2585, 14.0942



5.4813, 5.4531, 6.0326



10.5267, 5.3677, 3.1590



0.1103, 0.0552, 0.0811

Previews

White Background



This preview shows how the XYZ color 14.9726, 15.4320, 27.7807 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 14.9726, 15.4320, 27.7807 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

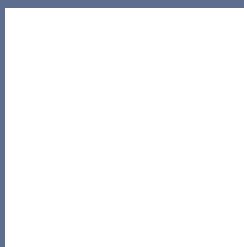
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9726, 15.4320, 27.7807

Background



This preview shows how black text looks on a background with the XYZ color 14.9726, 15.4320, 27.7807.



This preview shows how white text looks on a background with the XYZ color 14.9726, 15.4320,

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

14.9726, 15.4320, 27.7807

Protanopia

15.5371, 15.4149, 27.3558

Deuteranopia

15.6951, 15.3233, 28.1171



Tritanopia

13.6170, 15.5394, 21.0206

Trichromacy



Original Color

14.9726, 15.4320, 27.7807

Protanomaly

15.3134, 15.4570, 27.3757

Deuteranomaly

15.4661, 15.3609, 28.1364

Tritanomaly

14.1508, 15.5956, 23.3835

Monochromacy



Original Color

14.9726, 15.4320, 27.7807

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5133, 15.2013, 20.2584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9726, 15.4320, 27.7807 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, 110, 142)` looks like.

```
.text, #text, p{  
    color:rgb(93, 110, 142)  
}
```

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, 110, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 110, 142) }
```

Border

The CSS property to change the border of an element to XYZ 14.9726, 15.4320, 27.7807 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, 110, 142) }
```


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

```
.border{ border-color:rgb(93, 110, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 110, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 110, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 110, 142);  
box-shadow:4px 4px 4px 4px rgb(93, 110,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9726, 15.4320, 27.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 110, 142) }
```

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

```
.background{ background-color: rgb(93, 110,  
142) }
```

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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