

Converting Colors

XYZ(14.7867, 15.3952, 23.9896)

Have a look what the booklet for
XYZ(14.7867, 15.3952, 23.9896)
contains.

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Color

**XYZ(14.7778, 15.4145,
24.0262)**

Conversions

Conversions Part 1

Format	Color
Hex	626E84
RGB	98, 110, 132
RGB Percent	38%, 43%, 52%
CMY	0.6157, 0.5686, 0.4824
CMYK	0.26, 0.17, 0.00, 0.48
HSL	219°, 15%, 45%
HSV	219°, 26%, 52%
XYZ	14.7778, 15.4145, 24.0262
YIQ	108.9200, -14.2140, 4.2980

Conversions

Conversions Part 2

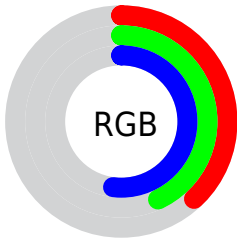
Format	Color
R _Y B	98, 107, 132
Decimal	6450820
CIE Lab	46.20, 0.77, -13.62
CIE LCh	46, 13.643, 273.240
Yxy	15.4145, 0.2726, 0.2843
Android (android.graphics.Color)	4284640900 (0xFF626E84)
YUV	108.9200, 11.3784, -9.5768
Hunter-Lab	39.2613, -1.5206, -8.8000

Details

The XYZ color **14.7778, 15.4145, 24.0262** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.4370, 19.2204, 14.2938**, and the grayscale version is **14.4852, 15.2396, 16.5959**.

A 20% lighter version of the original color is **33.8963, 35.3821, 50.9418**, and **4.6542, 4.8577, 8.8759** is the 20% darker color. If you saturate the color by 10%, you get **12.5919, 12.9853, 23.6728**, and if you desaturate by 10%, it is **17.2885, 18.1438, 24.4209**.

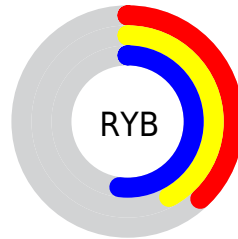
Distribution



Red (38%)

Green (43%)

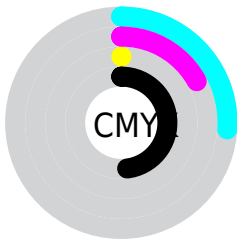
Blue (52%)



Red (38%)

Yellow (42%)

Blue (52%)

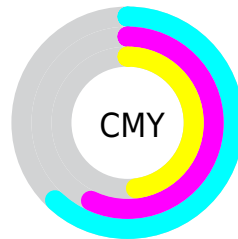


Cyan (26%)

Magenta (17%)

Yellow (0%)

Black (48%)



Cyan (62%)

Magenta (57%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7778, 15.4145, 24.0262 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 14.7778, 15.4145, 24.0262 by changing the saturation by 10% instead.

■ 14.7778, 15.4145,
24.0262

■ 14.7778, 15.4145,
24.0262

215.4325,
225.8616, 286.2437

■ 8.7489, 9.1108,
15.1407

■ 34.0378, 35.5787,
51.0173

■ 4.6335, 4.8135,
8.7705

■ 47.9995, 50.2080,
69.9600

■ 2.0664, 2.1383,
4.4970

■ 65.3363, 68.3813,
93.0921

■ 0.6709, 0.6860,
1.9018

■ 86.4134, 90.4830,
120.8323

■ 0.0000, 0.0000,
0.4939

111.5962,
116.8975, 153.5990

■ 0.0000, 0.0000,
0.0000

141.2501,

148.0091, 191.8108

175.7404,
184.2024, 235.8862

■ 14.7778, 15.4145,
24.0262

■ 14.7778, 15.4145,
24.0262

■ 12.5919, 12.9853,
23.6728

■ 17.2885, 18.1438,
24.4209

■ 10.7152, 10.8432,
23.3582

■ 20.1355, 21.1815,
24.8572

■ 9.1332, 8.9774,
23.0815

■ 23.3318, 24.5381,
25.3367

■ 7.8294, 7.3752,
22.8409

■ 26.8890, 28.2230,
25.8604

■ 6.7856, 6.0230,
22.6349

■ 30.8184, 32.2451,
26.4297

■ 5.9812, 4.9055,
22.4617

■ 35.1305, 36.6130,
27.0455

■ 5.3849, 4.0019,
22.3187

■ 39.8357, 41.3349,
27.7089

■ 5.1652, 3.6666,
22.2655

■ 44.9437, 46.4189,
28.4210

■ 50.4640, 51.8726,
29.1827

Harmonies

Analogous

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



13.6668, 15.4145, 23.1780



14.7778, 15.4145, 24.0262



15.9116, 15.4145, 22.7319

Triad

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



14.7778, 15.4145, 24.0262



16.6026, 15.4145, 13.5116



12.7432, 15.4145, 14.0616

Complementary

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



14.7778, 15.4145, 24.0262



18.4370, 19.2204, 14.2938

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.



13.4588, 15.4145, 11.9759



14.7778, 15.4145, 24.0262



15.6814, 15.4145, 11.6891

Square

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



14.7778, 15.4145, 24.0262



16.9996, 15.4145, 16.4243



14.5250, 15.4145, 11.1661



12.5294, 15.4145, 17.1484

Rectangle

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



14.7778, 15.4145, 24.0262



16.5170, 15.4145, 20.9168



14.5250, 15.4145, 11.1661



12.9311, 15.4145, 13.2346

Sweetspot

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



14.7783, 15.4151, 24.0266



34.1980, 35.9639, 43.5925



16.6505, 20.4443, 20.6901



7.8016, 8.2025, 10.1247



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.7783, 15.4151, 24.0266



23.6785, 24.5507, 41.9439



14.0730, 13.2578, 23.6473



4.5590, 4.7937, 5.8857



5.0059, 3.5596, 21.5599



0.0237, 0.0251, 0.0768

Inverse Universe

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



16.6983, 14.7671, 16.7228



27.7124, 23.3654, 26.5591



19.2782, 21.9326, 14.7730



4.7354, 4.7139, 5.2192



9.7049, 4.9463, 3.0181



0.0369, 0.0184, 0.0275

Previews

White Background



This preview shows how the XYZ color 14.7778, 15.4145, 24.0262 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 14.7778, 15.4145, 24.0262 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

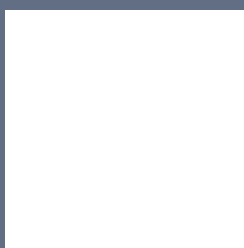
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7778, 15.4145, 24.0262

Background



This preview shows how black text looks on a background with the XYZ color 14.7778, 15.4145, 24.0262.

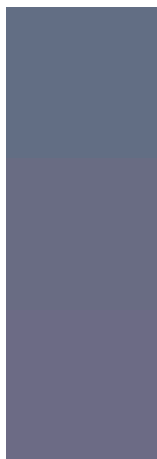


This preview shows how white text looks on a background with the XYZ color 14.7778, 15.4145,

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

14.7778, 15.4145, 24.0262

Protanopia

15.2850, 15.3671, 23.6333

Deuteranopia

15.6757, 15.3970, 24.3360



Tritanopia

14.0692, 15.4556, 20.3309

Trichromacy



Original Color

14.7778, 15.4145, 24.0262

Protanomaly

15.0449, 15.4008, 23.6524

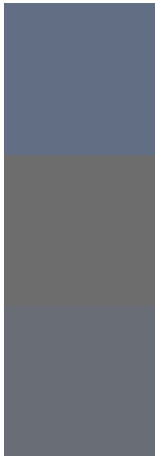
Deuteranomaly

15.3051, 15.3616, 24.3487

Tritanomaly

14.3159, 15.3909, 21.6183

Monochromacy



Original Color

14.7778, 15.4145, 24.0262

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5052, 15.2249, 19.0038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7778, 15.4145, 24.0262 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(98, 110, 132) looks like.

```
.text, #text, p{  
    color:rgb(98, 110, 132)  
}
```

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(98, 110, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 110, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.7778, 15.4145, 24.0262 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(98, 110, 132) }
```


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

```
.border{ border-color:rgb(98, 110, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 110, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 110, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 110, 132);  
box-shadow:4px 4px 4px 4px rgb(98, 110,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7778, 15.4145, 24.0262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 110, 132) }
```

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

```
.background{ background-color: rgb(98, 110,  
132) }
```

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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