

Converting Colors

XYZ(15.4078, 16.6392, 24.4932)

Have a look what the booklet for
XYZ(15.4078, 16.6392, 24.4932)
contains.

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Color

**XYZ(15.4014, 16.5516,
24.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	627385
RGB	98, 115, 133
RGB Percent	38%, 45%, 52%
CMY	0.6157, 0.5490, 0.4784
CMYK	0.26, 0.14, 0.00, 0.48
HSL	211°, 15%, 45%
HSV	211°, 26%, 52%
XYZ	15.4014, 16.5516, 24.5733
YIQ	111.9690, -15.9100, 1.9940

Conversions

Conversions Part 2

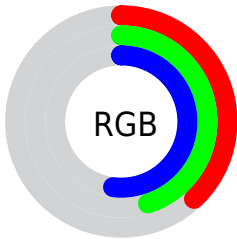
Format	Color
R_{YB}	98, 109, 133
Decimal	6452101
CIE _{Lab}	47.69, -1.94, -11.96
CIE _{LCh}	48, 12.113, 260.805
Yxy	16.5516, 0.2725, 0.2928
Android (android.graphics.Color)	4284642181 (0xFF627385)
YUV	111.9690, 10.3683, -12.2508
Hunter-Lab	40.6837, -3.6226, -7.3331

Details

The XYZ color **15.4014, 16.5516, 24.5733** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1231, 18.3593, 14.1443**, and the grayscale version is **15.3663, 16.1666, 17.6054**.

A 20% lighter version of the original color is **35.0761, 37.5722, 51.8578**, and **4.8839, 5.3170, 8.9525** is the 20% darker color. If you saturate the color by 10%, you get **13.3327, 14.3703, 24.2616**, and if you desaturate by 10%, it is **17.7675, 18.9729, 24.9162**.

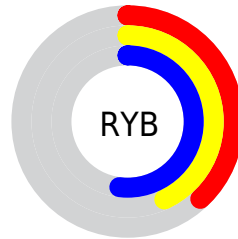
Distribution



Red (38%)

Green (45%)

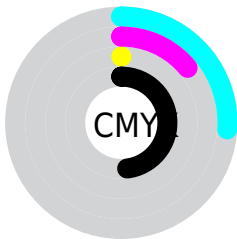
Blue (52%)



Red (38%)

Yellow (43%)

Blue (52%)

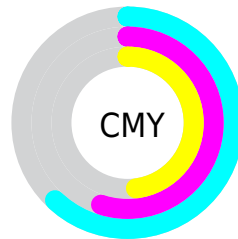


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (48%)



Cyan (62%)

Magenta (55%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4014, 16.5516, 24.5733 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 15.4014, 16.5516, 24.5733 by changing the saturation by 10% instead.

■ 15.4014, 16.5516,
24.5733

■ 15.4014, 16.5516,
24.5733

219.1236,
232.5750, 289.0856

■ 9.1897, 9.9153,
15.5433

■ 35.1217, 37.5532,
51.9196

■ 4.9232, 5.3428,
9.0507

■ 49.3611, 52.6873,
71.0731

■ 2.2366, 2.4498,
4.6770

■ 67.0071, 71.4228,
94.4381

■ 0.7619, 0.8513,
2.0036

■ 88.4250, 94.1441,
122.4332

■ 0.0000, 0.0000,
0.5575

113.9803,
121.2355, 155.4770

■ 0.0000, 0.0000,
0.0000

144.0383,

153.0816, 193.9879

178.9643,
190.0666, 238.3846

■ 15.4014, 16.5516,
24.5733

■ 15.4014, 16.5516,
24.5733

■ 13.3327, 14.3703,
24.2616

■ 17.7675, 18.9729,
24.9162

■ 11.5469, 12.4185,
23.9790

■ 20.4416, 21.6403,
25.2902

■ 10.0304, 10.6877,
23.7248

■ 23.4356, 24.5622,
25.6963

■ 8.7677, 9.1680,
23.4980

■ 26.7606, 27.7458,
26.1356

■ 7.7419, 7.8484,
23.2974

■ 30.4266, 31.1980,
26.6087

■ 6.9333, 6.7168,
23.1216

■ 34.4437, 34.9256,
27.1165

■ 6.3096, 5.7543,
22.9687

■ 38.8212, 38.9349,
27.6596

■ 6.1013, 5.4288,
22.9168

■ 43.5682, 43.2322,
28.2389

■ 48.6935, 47.8235,
28.8550

Harmonies

Analogous

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



14.4522, 16.5516, 23.0502



15.4014, 16.5516, 24.5733



16.4831, 16.5516, 24.1913

Triad

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



15.4014, 16.5516, 24.5733



17.7598, 16.5516, 15.9855



14.1725, 16.5516, 14.5097

Complementary

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



15.4014, 16.5516, 24.5733



18.1231, 18.3593, 14.1443

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.



15.0037, 16.5516, 13.0021



15.4014, 16.5516, 24.5733



17.0848, 16.5516, 13.7838

Square

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



15.4014, 16.5516, 24.5733



17.8782, 16.5516, 18.9917



16.0669, 16.5516, 12.7525



13.7644, 16.5516, 17.0856

Rectangle

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



15.4014, 16.5516, 24.5733



17.1322, 16.5516, 22.9234



16.0669, 16.5516, 12.7525



14.4099, 16.5516, 13.8741

Sweetspot

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



15.4019, 16.5523, 24.5737



35.6693, 37.8270, 45.1598



16.5483, 20.6214, 19.4795



7.8879, 8.3753, 10.1535



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.



15.4019, 16.5523, 24.5737



25.1456, 27.0876, 43.6415



13.6388, 13.0260, 23.9860



4.6073, 4.8902, 5.9018



5.8196, 5.1870, 21.8312



0.0274, 0.0325, 0.0780

Inverse Universe

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



17.1355, 14.9602, 18.2048



28.8907, 23.9062, 29.8251



20.2653, 22.6437, 14.8584



4.7598, 4.7236, 5.3475



10.1156, 5.1106, 5.1810



0.0387, 0.0192, 0.0372

Previews

White Background



This preview shows how the XYZ color 15.4014, 16.5516, 24.5733 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 15.4014, 16.5516, 24.5733 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

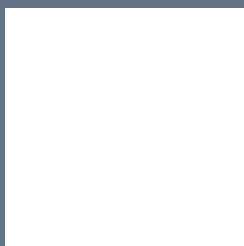
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4014, 16.5516, 24.5733

Background



This preview shows how black text looks on a background with the XYZ color 15.4014, 16.5516, 24.5733.

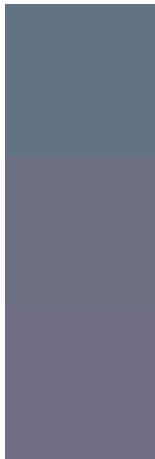


This preview shows how white text looks on a background with the XYZ color 15.4014, 16.5516,

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

15.4014, 16.5516, 24.5733

Protanopia

16.1976, 16.4782, 23.7996

Deuteranopia

16.8184, 16.4505, 24.8431



Tritanopia

14.8352, 16.4839, 22.1385

Trichromacy



Original Color

15.4014, 16.5516, 24.5733

Protanomaly

15.8957, 16.4795, 24.1729

Deuteranomaly

16.2816, 16.4977, 24.8805

Tritanomaly

15.1376, 16.6171, 23.1785

Monochromacy



Original Color

15.4014, 16.5516, 24.5733

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3587, 16.2921, 20.1045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4014, 16.5516, 24.5733 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, 115, 133) looks like.

```
.text, #text, p{  
    color:rgb(98, 115, 133)  
}
```

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, 115, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 115, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.4014, 16.5516, 24.5733 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, 115, 133) }
```


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

```
.border{ border-color:rgb(98, 115, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 115, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 115, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 115, 133);  
box-shadow:4px 4px 4px 4px rgb(98, 115,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4014, 16.5516, 24.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 115, 133) }
```

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

```
.background{ background-color: rgb(98, 115,  
133) }
```

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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