

Converting Colors

XYZ(15.7523, 16.8451, 24.4669)

Have a look what the booklet for
XYZ(15.7523, 16.8451, 24.4669)
contains.

XYZ(15.8459, 16.9509, 24.6270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.8459, 16.9509,
24.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	657485
RGB	101, 116, 133
RGB Percent	40%, 45%, 52%
CMY	0.6039, 0.5451, 0.4784
CMYK	0.24, 0.13, 0.00, 0.48
HSL	212°, 14%, 46%
HSV	212°, 24%, 52%
XYZ	15.8459, 16.9509, 24.6270
YIQ	113.4530, -14.3970, 2.1070

Conversions

Conversions Part 2

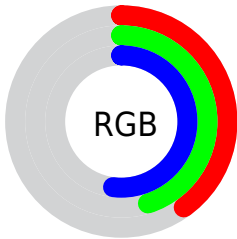
Format	Color
R_{YB}	101, 111, 133
Decimal	6648965
CIE _{Lab}	48.20, -1.53, -11.17
CIE _{LCh}	48, 11.274, 262.210
Yxy	16.9509, 0.2759, 0.2952
Android (android.graphics.Color)	4284839045 (0xFF657485)
YUV	113.4530, 9.6367, -10.9213
Hunter-Lab	41.1715, -3.3498, -6.6447

Details

The XYZ color **15.8459, 16.9509, 24.6270** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.5006, 18.8833, 14.9823**, and the grayscale version is **15.8064, 16.6295, 18.1096**.

A 20% lighter version of the original color is **35.8145, 38.2258, 51.9451**, and **5.0967, 5.5157, 8.9796** is the 20% darker color. If you saturate the color by 10%, you get **13.6920, 14.6775, 24.3020**, and if you desaturate by 10%, it is **18.3039, 19.4739, 24.9847**.

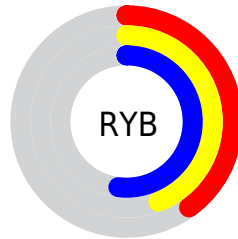
Distribution



Red (40%)

Green (45%)

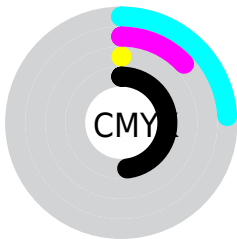
Blue (52%)



Red (40%)

Yellow (44%)

Blue (52%)

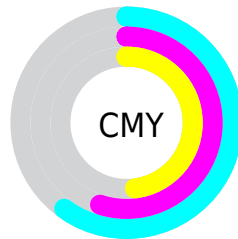


Cyan (24%)

Magenta (13%)

Yellow (0%)

Black (48%)



Cyan (60%)

Magenta (55%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8459, 16.9509, 24.6270 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 15.8459, 16.9509, 24.6270 by changing the saturation by 10% instead.

■ 15.8459, 16.9509,
24.6270

■ 15.8459, 16.9509,
24.6270

221.7190,
234.8893, 289.3632

■ 9.5053, 10.1995,
15.5829

■ 35.8901, 38.2413,
52.0081

■ 5.1320, 5.5314,
9.0783

■ 50.3244, 53.5492,
71.1821

■ 2.3604, 2.5623,
4.6948

■ 68.1874, 72.4779,
94.5698

■ 0.8253, 0.9078,
2.0137

■ 89.8443, 95.4120,
122.5898

■ 0.0000, 0.0000,
0.5637

115.6606,
122.7357, 155.6606

■ 0.0000, 0.0000,
0.0000

146.0015,

154.8336, 194.2008

181.2326,
192.0900, 238.6288

■ 15.8459, 16.9509,
24.6270

■ 15.8459, 16.9509,
24.6270

■ 13.6920, 14.6775,
24.3020

■ 18.3039, 19.4739,
24.9847

■ 11.8275, 12.6428,
24.0075

■ 21.0764, 22.2526,
25.3749

■ 10.2392, 10.8383,
23.7429

■ 24.1755, 25.2955,
25.7989

■ 8.9117, 9.2539,
23.5071

■ 27.6120, 28.6100,
26.2576

■ 7.8284, 7.8788,
23.2988

■ 31.3962, 32.2032,
26.7517

■ 6.9700, 6.7007,
23.1166

■ 35.5379, 36.0821,
27.2821

■ 6.3128, 5.7048,
22.9590

■ 40.0466, 40.2531,
27.8495

■ 5.9752, 5.1765,
22.8748

■ 44.9314, 44.7226,
28.4548

■ 50.2010, 49.4968,
29.0986

Harmonies

Analogous

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



14.9346, 16.9509, 23.2818



15.8459, 16.9509, 24.6270



16.8672, 16.9509, 24.1856

Triad

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



15.8459, 16.9509, 24.6270



18.0040, 16.9509, 16.4059



14.6047, 16.9509, 15.2121

Complementary

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



15.8459, 16.9509, 24.6270



18.5006, 18.8833, 14.9823

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.



15.3784, 16.9509, 13.7124



15.8459, 16.9509, 24.6270



17.3483, 16.9509, 14.3490

Square

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



15.8459, 16.9509, 24.6270



18.1421, 16.9509, 19.2316



16.3797, 16.9509, 13.4140



14.2380, 16.9509, 17.7028

Rectangle

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



15.8459, 16.9509, 24.6270



17.4709, 16.9509, 22.9568



16.3797, 16.9509, 13.4140



14.8242, 16.9509, 14.5867

Sweetspot

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



15.8464, 16.9516, 24.6274



36.1423, 38.2568, 45.2178



16.9972, 20.8391, 20.1215



8.0909, 8.5673, 10.1799



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.



15.8464, 16.9516, 24.6274



26.1513, 28.0220, 43.7689



14.3146, 13.7990, 24.0996



4.6011, 4.8778, 5.8998



5.6994, 4.9466, 21.7911



0.0269, 0.0315, 0.0779

Inverse Universe

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



17.4794, 15.5554, 18.6049



29.6612, 25.2209, 30.7797



20.3257, 22.6582, 15.6147



4.7567, 4.7224, 5.3310



10.0549, 5.0863, 4.8615



0.0385, 0.0191, 0.0360

Previews

White Background



This preview shows how the XYZ color 15.8459, 16.9509, 24.6270 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 15.8459, 16.9509, 24.6270 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

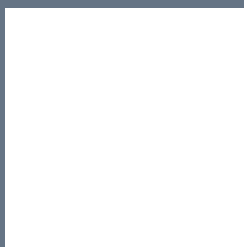
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8459, 16.9509, 24.6270

Background



This preview shows how black text looks on a background with the XYZ color 15.8459, 16.9509, 24.6270.



This preview shows how white text looks on a background with the XYZ color 15.8459, 16.9509,

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

15.8459, 16.9509, 24.6270

Protanopia

16.5574, 16.8285, 23.8483

Deuteranopia

17.2997, 17.0226, 24.9281



Tritanopia

15.3827, 16.9383, 22.1973

Trichromacy



Original Color

15.8459, 16.9509, 24.6270

Protanomaly

16.2456, 16.8264, 24.2214

Deuteranomaly

16.7637, 16.9110, 24.9349

Tritanomaly

15.5793, 17.0169, 23.2323

Monochromacy



Original Color

15.8459, 16.9509, 24.6270

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7142, 16.6419, 20.1533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8459, 16.9509, 24.6270 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(101, 116, 133)` looks like.

```
.text, #text, p{  
    color:rgb(101, 116, 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(101, 116, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 116, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.8459, 16.9509, 24.6270 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(101, 116, 133) }
```


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

```
.border{ border-color:rgb(101, 116, 133) }
```

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

Here you see how a box with a 4 pixel rgb(101, 116, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 116, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 116, 133);  
box-shadow:4px 4px 4px 4px rgb(101, 116,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8459, 16.9509, 24.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 116, 133) }
```

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

```
.background{ background-color: rgb(101,  
116, 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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