

Converting Colors

XYZ(14.7210, 15.8825, 23.7608)

Have a look what the booklet for
XYZ(14.7210, 15.8825, 23.7608)
contains.

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Color

**XYZ(14.7212, 15.8818,
23.7623)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7183
RGB	95, 113, 131
RGB Percent	37%, 44%, 51%
CMY	0.6274, 0.5569, 0.4863
CMYK	0.27, 0.14, 0.00, 0.49
HSL	210°, 16%, 44%
HSV	210°, 27%, 51%
XYZ	14.7212, 15.8818, 23.7623
YIQ	109.6700, -16.5060, 1.7820

Conversions

Conversions Part 2

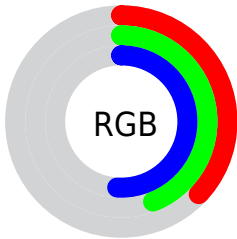
Format	Color
R_{YB}	95, 107, 131
Decimal	6254979
CIE _{Lab}	46.82, -2.25, -12.10
CIE _{LCh}	47, 12.312, 259.448
Yxy	15.8818, 0.2708, 0.2921
Android (android.graphics.Color)	4284445059 (0xFF5F7183)
YUV	109.6700, 10.5157, -12.8656
Hunter-Lab	39.8520, -3.8036, -7.4561

Details

The XYZ color **14.7212, 15.8818, 23.7623** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3311, 17.4621, 13.2841**, and the grayscale version is **14.7012, 15.4668, 16.8434**.

A 20% lighter version of the original color is **33.9609, 36.4820, 50.5992**, and **4.5856, 4.9941, 8.7049** is the 20% darker color. If you saturate the color by 10%, you get **12.7687, 13.8297, 23.4694**, and if you desaturate by 10%, it is **16.9563, 18.1587, 24.0842**.

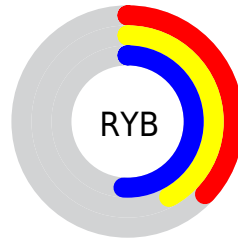
Distribution



Red (37%)

Green (44%)

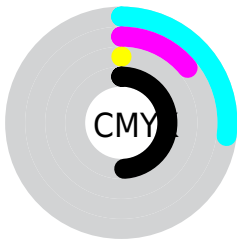
Blue (51%)



Red (37%)

Yellow (42%)

Blue (51%)

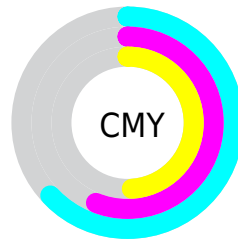


Cyan (27%)

Magenta (14%)

Yellow (0%)

Black (49%)



Cyan (63%)

Magenta (56%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7212, 15.8818, 23.7623 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 14.7212, 15.8818, 23.7623 by changing the saturation by 10% instead.

■ 14.7212, 15.8818,
23.7623

■ 14.7212, 15.8818,
23.7623

215.0945,
228.6432, 284.8643

■ 8.7090, 9.4406,
14.9468

■ 33.9390, 36.3929,
50.5810

■ 4.6074, 5.0296,
8.6359

■ 47.8753, 51.2315,
69.4213

■ 2.0512, 2.2647,
4.4109

■ 65.1838, 69.6380,
92.4403

■ 0.6625, 0.7549,
1.8534

■ 86.2296, 91.9969,
120.0564

■ 0.0000, 0.0000,
0.4628

111.3782,
118.6924, 152.6884

■ 0.0000, 0.0000,
0.0000

140.9950,

150.1091, 190.7547

175.4453,
186.6312, 234.6738

■ 14.7212, 15.8818,
23.7623

■ 14.7212, 15.8818,
23.7623

■ 12.7687, 13.8297,
23.4694

■ 16.9563, 18.1587,
24.0842

■ 11.0848, 11.9923,
23.2035

■ 19.4842, 20.6660,
24.4350

■ 9.6564, 10.3616,
22.9640

■ 22.3165, 23.4117,
24.8157

■ 8.4687, 8.9282,
22.7499

■ 25.4635, 26.4027,
25.2271

■ 7.5050, 7.6817,
22.5601

■ 28.9353, 29.6454,
25.6700

■ 6.7464, 6.6104,
22.3933

■ 32.7411, 33.1462,
26.1452

■ 6.1544, 5.6925,
22.2474

■ 36.8902, 36.9111,
26.6532

■ 6.0160, 5.4772,
22.2131

■ 41.3911, 40.9460,
27.1948

■ 46.2524, 45.2566,
27.7706

Harmonies

Analogous

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



13.7956, 15.8818, 22.1717



14.7212, 15.8818, 23.7623



15.7912, 15.8818, 23.4709

Triad

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



14.7212, 15.8818, 23.7623



17.1213, 15.8818, 15.4024



13.5840, 15.8818, 13.7348

Complementary

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



14.7212, 15.8818, 23.7623



17.3311, 17.4621, 13.2841

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.



14.4199, 15.8818, 12.3065



14.7212, 15.8818, 23.7623



16.4739, 15.8818, 13.1876

Square

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



14.7212, 15.8818, 23.7623



17.2114, 15.8818, 18.3952



15.4754, 15.8818, 12.1187



13.1599, 15.8818, 16.2349

Rectangle

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



14.7212, 15.8818, 23.7623



16.4417, 15.8818, 22.2580



15.4754, 15.8818, 12.1187



13.8242, 15.8818, 13.1267

Sweetspot

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



14.7217, 15.8824, 23.7627



34.5549, 36.6777, 43.7114



15.7830, 19.8446, 18.4453



7.8973, 8.3940, 10.1567



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.



14.7217, 15.8824, 23.7627



24.1086, 26.0867, 42.2177



12.9630, 12.3651, 23.1764



4.6125, 4.9007, 5.9036



5.9245, 5.3967, 21.8661



0.0278, 0.0333, 0.0782

Inverse Universe

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



16.4333, 14.2025, 17.4986



27.7646, 22.7548, 28.7807



19.4619, 21.7237, 13.9944



4.7624, 4.7247, 5.3614



10.1685, 5.1317, 5.4597



0.0389, 0.0192, 0.0383

Previews

White Background



This preview shows how the XYZ color 14.7212, 15.8818, 23.7623 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 14.7212, 15.8818, 23.7623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

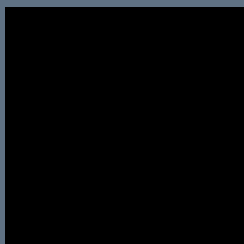
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

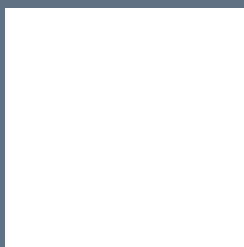
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7212, 15.8818, 23.7623

Background



This preview shows how black text looks on a background with the XYZ color 14.7212, 15.8818, 23.7623.

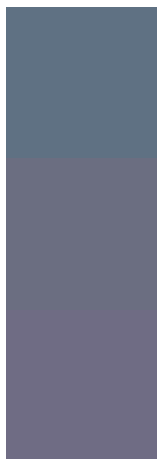


This preview shows how white text looks on a background with the XYZ color 14.7212, 15.8818,

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

14.7212, 15.8818, 23.7623

Protanopia

15.6018, 15.8626, 23.0084

Deuteranopia

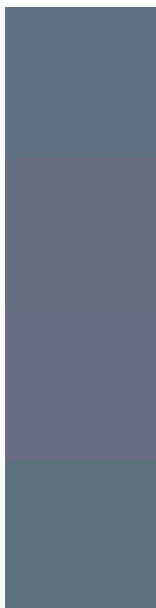
16.0830, 15.7706, 24.0262



Tritanopia

14.1067, 15.7918, 21.0435

Trichromacy



Original Color

14.7212, 15.8818, 23.7623

Protanomaly

15.3072, 15.8641, 23.3744

Deuteranomaly

15.5665, 15.8211, 24.0631

Tritanomaly

14.3993, 15.9207, 22.0527

Monochromacy



Original Color

14.7212, 15.8818, 23.7623

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7802, 15.6801, 19.3871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7212, 15.8818, 23.7623 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(95, 113, 131) looks like.

```
.text, #text, p{  
    color:rgb(95, 113, 131)  
}
```

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(95, 113, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 113, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.7212, 15.8818, 23.7623 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(95, 113, 131) }
```


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

```
.border{ border-color:rgb(95, 113, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 113, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 113, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 113, 131);  
box-shadow:4px 4px 4px 4px rgb(95, 113,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7212, 15.8818, 23.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 113, 131) }
```

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

```
.background{ background-color: rgb(95, 113,  
131) }
```

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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