

Converting Colors

XYZ(14.4257, 15.2250, 24.3687)

Have a look what the booklet for
XYZ(14.4257, 15.2250, 24.3687)
contains.

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Color

**XYZ(14.4257, 15.2250,
24.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6E85
RGB	94, 110, 133
RGB Percent	37%, 43%, 52%
CMY	0.6314, 0.5686, 0.4784
CMYK	0.29, 0.17, 0.00, 0.48
HSL	215°, 17%, 45%
HSV	215°, 29%, 52%
XYZ	14.4257, 15.2250, 24.3687
YIQ	107.8380, -16.9190, 3.7610

Conversions

Conversions Part 2

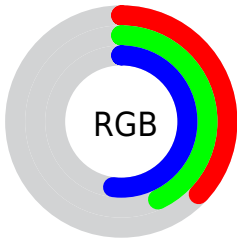
Format	Color
R_{YB}	94, 105, 133
Decimal	6188677
CIE Lab	45.94, -0.28, -14.63
CIE LCh	46, 14.637, 268.911
Yxy	15.2250, 0.2670, 0.2818
Android (android.graphics.Color)	4284378757 (0xFF5E6E85)
YUV	107.8380, 12.4049, -12.1359
Hunter-Lab	39.0192, -2.2909, -9.7150

Details

The XYZ color **14.4257, 15.2250, 24.3687** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0549, 18.5176, 13.2129**, and the grayscale version is **14.1787, 14.9171, 16.2447**.

A 20% lighter version of the original color is **33.2848, 35.0547, 51.4663**, and **4.4656, 4.7604, 8.8671** is the 20% darker color. If you saturate the color by 10%, you get **12.3685, 12.9636, 24.0409**, and if you desaturate by 10%, it is **16.7938, 17.7586, 24.7332**.

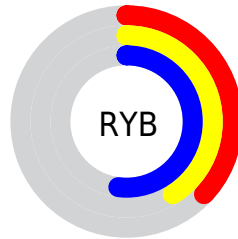
Distribution



 Red (37%)

 Green (43%)

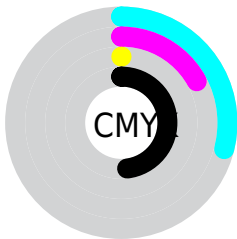
 Blue (52%)



 Red (37%)

 Yellow (41%)

 Blue (52%)

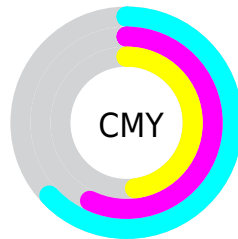


 Cyan (29%)


 Magenta (17%)

 Yellow (0%)

 Black (48%)



 Cyan (63%)

 Magenta (57%)

 Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4257, 15.2250, 24.3687 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 14.4257, 15.2250, 24.3687 by changing the saturation by 10% instead.

■ 14.4257, 15.2250,
24.3687

■ 14.4257, 15.2250,
24.3687

213.3213,
224.7241, 288.0256

■ 8.5010, 8.9774,
15.3926

■ 33.4225, 35.2474,
51.5826

■ 4.4717, 4.7265,
8.9457

■ 47.2253, 49.7911,
70.6574

■ 1.9723, 2.0877,
4.6095

■ 64.3848, 67.8689,
93.9356

■ 0.6183, 0.6577,
1.9653

■ 85.2665, 89.8652,
121.8357

■ 0.0000, 0.0000,
0.5338

110.2356,
116.1645, 154.7762

■ 0.0000, 0.0000,
0.0000

139.6576,

147.1512, 193.1756

173.8977,
183.2096, 237.4526

■ 14.4257, 15.2250,
24.3687

■ 14.4257, 15.2250,
24.3687

■ 12.3685, 12.9636,
24.0409

■ 16.7938, 17.7586,
24.7332

■ 10.6069, 10.9626,
23.7475

■ 19.4844, 20.5721,
25.1344

■ 9.1261, 9.2117,
23.4876

■ 22.5103, 23.6751,
25.5739

■ 7.9095, 7.6993,
23.2598

■ 25.8831, 27.0761,
26.0526

■ 6.9386, 6.4125,
23.0626

■ 29.6138, 30.7834,
26.5715

■ 6.1922, 5.3370,
22.8943

■ 33.7129, 34.8047,
27.1317

■ 5.6158, 4.4410,
22.7518

■ 38.1906, 39.1478,
27.7340

■ 5.5794, 4.3848,
22.7428

■ 43.0565, 43.8197,
28.3793

■ 48.3199, 48.8276,
29.0685

Harmonies

Analogous

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



13.2764, 15.2250, 23.1263



14.4257, 15.2250, 24.3687



15.6522, 15.2250, 23.2885

Triad

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



14.4257, 15.2250, 24.3687



16.6558, 15.2250, 13.4958



12.5270, 15.2250, 13.3010

Complementary

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



14.4257, 15.2250, 24.3687



18.0549, 18.5176, 13.2129

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.



13.3506, 15.2250, 11.2981



14.4257, 15.2250, 24.3687



15.7350, 15.2250, 11.3987

Square

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



14.4257, 15.2250, 24.3687



16.9832, 15.2250, 16.7074



14.5162, 15.2250, 10.6538



12.2194, 15.2250, 16.4482

Rectangle

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



14.4257, 15.2250, 24.3687



16.3398, 15.2250, 21.4728



14.5162, 15.2250, 10.6538



12.7503, 15.2250, 12.4891

Sweetspot

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



14.4262, 15.2256, 24.3691



34.9523, 36.9022, 45.0191



16.2002, 20.4336, 19.8433



7.7299, 8.1639, 10.1211



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.



14.4262, 15.2256, 24.3691



23.3869, 24.5892, 43.2520



13.1933, 12.2546, 23.8606



4.5798, 4.8351, 5.8926



5.3220, 4.1918, 21.6653



0.0253, 0.0283, 0.0774

Inverse Universe

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



16.4905, 14.1183, 16.6084



27.7542, 22.4992, 26.7767



19.5759, 22.3096, 13.8646



4.7459, 4.7180, 5.2743



9.8644, 5.0101, 3.8583



0.0377, 0.0187, 0.0317

Previews

White Background



This preview shows how the XYZ color 14.4257, 15.2250, 24.3687 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 14.4257, 15.2250, 24.3687 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

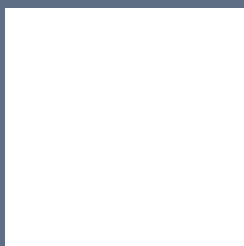
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4257, 15.2250, 24.3687

Background



This preview shows how black text looks on a background with the XYZ color 14.4257, 15.2250, 24.3687.

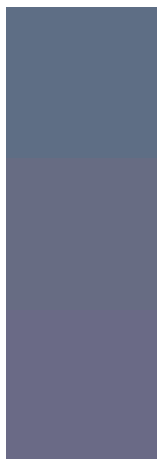


This preview shows how white text looks on a background with the XYZ color 14.4257, 15.2250,

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

14.4257, 15.2250, 24.3687

Protanopia

15.0528, 15.2474, 23.6224

Deuteranopia

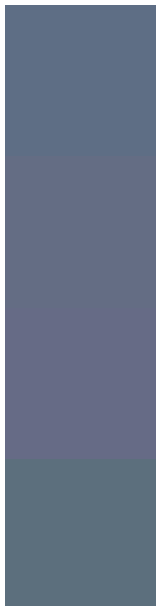
15.4010, 15.0935, 24.6559



Tritanopia

13.5597, 15.1930, 20.3070

Trichromacy



Original Color

14.4257, 15.2250, 24.3687

Protanomaly

14.8890, 15.3125, 24.0007

Deuteranomaly

15.0403, 15.0614, 24.6687

Tritanomaly

13.7997, 15.1249, 21.5941

Monochromacy



Original Color

14.4257, 15.2250, 24.3687

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2730, 15.1052, 18.9929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4257, 15.2250, 24.3687 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(94, 110, 133) looks like.

```
.text, #text, p{  
    color:rgb(94, 110, 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(94, 110, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 110, 133) }
```

Border

The CSS property to change the border of an element to XYZ 14.4257, 15.2250, 24.3687 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(94, 110, 133) }
```


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

```
.border{ border-color:rgb(94, 110, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 110, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 110, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 110, 133);  
box-shadow:4px 4px 4px 4px rgb(94, 110,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4257, 15.2250, 24.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 110, 133) }
```

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

```
.background{ background-color: rgb(94, 110,  
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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