

Converting Colors

XYZ(14.2158, 15.4925, 20.9170)

Have a look what the booklet for
XYZ(14.2158, 15.4925, 20.9170)
contains.

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Color

**XYZ(14.1932, 15.5052,
20.9836)**

Conversions

Conversions Part 1

Format	Color
Hex	60707B
RGB	96, 112, 123
RGB Percent	38%, 44%, 48%
CMY	0.6235, 0.5608, 0.5176
CMYK	0.22, 0.09, 0.00, 0.52
HSL	204°, 12%, 43%
HSV	204°, 22%, 48%
XYZ	14.1932, 15.5052, 20.9836
YIQ	108.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

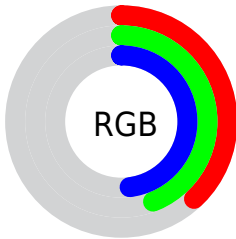
Format	Color
R_{YB}	96, 106, 123
Decimal	6320251
CIE _{Lab}	46.32, -3.35, -8.08
CIE _{LCh}	46, 8.744, 247.494
Yxy	15.5052, 0.2800, 0.3059
Android (android.graphics.Color)	4284510331 (0xFF60707B)
YUV	108.4700, 7.1633, -10.9362
Hunter-Lab	39.3766, -4.5693, -4.0317

Details

The XYZ color **14.1932, 15.5052, 20.9836** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5375, 15.5709, 13.2533**, and the grayscale version is **14.3694, 15.1178, 16.4633**.

A 20% lighter version of the original color is **33.0459, 35.8491, 45.7353**, and **4.3360, 4.8142, 7.1793** is the 20% darker color. If you saturate the color by 10%, you get **12.4615, 13.8149, 20.7489**, and if you desaturate by 10%, it is **16.1591, 17.3628, 21.2388**.

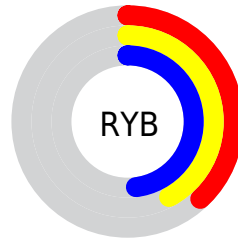
Distribution



Red (38%)

Green (44%)

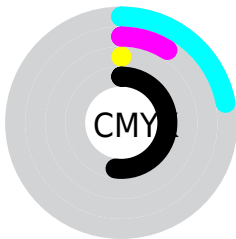
Blue (48%)



Red (38%)

Yellow (42%)

Blue (48%)

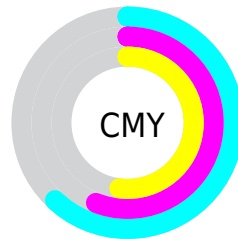


Cyan (22%)

Magenta (9%)

Yellow (0%)

Black (52%)



Cyan (62%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1932, 15.5052, 20.9836 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 14.1932, 15.5052, 20.9836 by changing the saturation by 10% instead.

■ 14.1932, 15.5052,
20.9836

■ 14.1932, 15.5052,
20.9836

211.9161,
226.4040, 269.9695

■ 8.3378, 9.1747,
12.9209

■ 33.0148, 35.7370,
45.9407

■ 4.3654, 4.8553,
7.2440

■ 46.7118, 50.4072,
63.6721

■ 1.9109, 2.1626,
3.5344

■ 63.7532, 68.6260,
85.4636

■ 0.5832, 0.6995,
1.3736

■ 84.5046, 90.7779,
111.7335

■ 0.0000, 0.0000,
0.1210

109.3312,
117.2472, 142.9006

■ 0.0000, 0.0000,
0.0000

138.5984,

148.4185, 179.3832

172.6716,
184.6759, 221.6000

■ 14.1932, 15.5052,
20.9836

■ 14.1932, 15.5052,
20.9836

■ 12.4615, 13.8149,
20.7489

■ 16.1591, 17.3628,
21.2388

■ 10.9528, 12.2840,
20.5329

■ 18.3671, 19.3911,
21.5139

■ 9.6568, 10.9070,
20.3354

■ 20.8263, 21.5961,
21.8099

■ 8.5621, 9.6771,
20.1557

■ 23.5451, 23.9828,
22.1273

■ 7.6557, 8.5870,
19.9931

■ 26.5314, 26.5557,
22.4665

■ 6.9232, 7.6284,
19.8466

■ 29.7927, 29.3196,
22.8281

■ 6.3480, 6.7918,
19.7155

■ 33.3362, 32.2787,
23.2125

■ 5.9509, 6.1814,
19.6186

■ 37.1690, 35.4373,
23.6202

■ 41.2976, 38.7994,
24.0515

Harmonies

Analogous

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



13.6246, 15.5052, 19.5175



14.1932, 15.5052, 20.9836



14.9257, 15.5052, 21.3074

Triad

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



14.1932, 15.5052, 20.9836



16.2106, 15.5052, 16.3507



13.8785, 15.5052, 13.8190

Complementary

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



14.1932, 15.5052, 20.9836



15.5375, 15.5709, 13.2533

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.



14.5503, 15.5052, 13.1170



14.1932, 15.5052, 20.9836



15.9088, 15.5052, 14.4960

Square

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



14.1932, 15.5052, 20.9836



16.1071, 15.5052, 18.5098



15.2950, 15.5052, 13.3540



13.4473, 15.5052, 15.3535

Rectangle

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



14.1932, 15.5052, 20.9836



15.4116, 15.5052, 20.8088



15.2950, 15.5052, 13.3540



14.0828, 15.5052, 13.4841

Sweetspot

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



14.1937, 15.5058, 20.9840



30.7706, 32.7887, 38.2637



14.5505, 17.7103, 16.5067



7.2068, 7.6853, 9.0066



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.1937, 15.5058, 20.9840



23.9117, 26.3106, 37.3748



12.8328, 12.7842, 20.5303



3.9766, 4.2515, 5.0542



6.1506, 6.3837, 20.2933



28.4868, 28.7462, 96.5169

Inverse Universe

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



15.2763, 13.7469, 17.1782



26.2164, 22.7086, 29.2410



17.0326, 18.5610, 13.7516



4.0886, 4.0512, 4.6644



9.6879, 4.8513, 6.9133



45.7819, 22.9691, 30.7115

Previews

White Background



This preview shows how the XYZ color 14.1932, 15.5052, 20.9836 looks on a white background.

Color Contrast Check

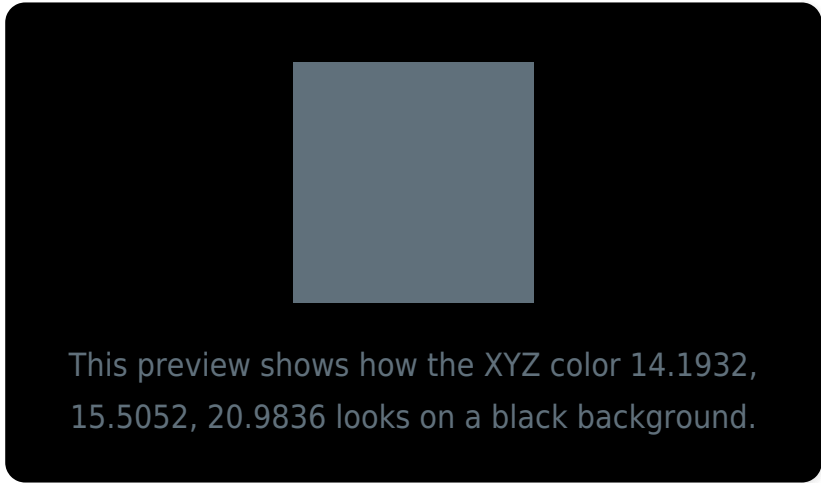
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

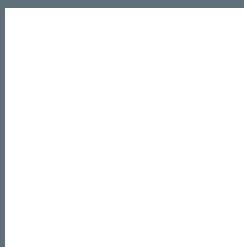
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1932, 15.5052, 20.9836

Background



This preview shows how black text looks on a background with the XYZ color 14.1932, 15.5052, 20.9836.



This preview shows how white text looks on a background with the XYZ color 14.1932, 15.5052,

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

14.1932, 15.5052, 20.9836

Protanopia

15.1042, 15.5059, 20.2860

Deuteranopia

15.7058, 15.4813, 21.2292



Tritanopia

14.0692, 15.4556, 20.3309

Trichromacy



Original Color

14.1932, 15.5052, 20.9836

Protanomaly

14.7977, 15.5001, 20.6242

Deuteranomaly

15.1701, 15.5183, 21.2646

Tritanomaly

14.1309, 15.4803, 20.6556

Monochromacy



Original Color

14.1932, 15.5052, 20.9836

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1582, 15.0726, 17.7859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1932, 15.5052, 20.9836 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(96, 112, 123) looks like.

```
.text, #text, p{  
    color:rgb(96, 112, 123)  
}
```

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(96, 112, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 112, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.1932, 15.5052, 20.9836 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(96, 112, 123) }
```


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

```
.border{ border-color:rgb(96, 112, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 112, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 112, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 112, 123);  
box-shadow:4px 4px 4px 4px rgb(96, 112,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1932, 15.5052, 20.9836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 112, 123) }
```

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

```
.background{ background-color: rgb(96, 112,  
123) }
```

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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