

Converting Colors

XYZ(14.1740, 15.2291, 21.1952)

Have a look what the booklet for
XYZ(14.1740, 15.2291, 21.1952)
contains.

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Color

**XYZ(14.1438, 15.1485,
21.2473)**

Conversions

Conversions Part 1

Format	Color
Hex	616E7C
RGB	97, 110, 124
RGB Percent	38%, 43%, 49%
CMY	0.6196, 0.5686, 0.5137
CMYK	0.22, 0.11, 0.00, 0.51
HSL	211°, 12%, 43%
HSV	211°, 22%, 49%
XYZ	14.1438, 15.1485, 21.2473
YIQ	107.7090, -12.2420, 1.5980

Conversions

Conversions Part 2

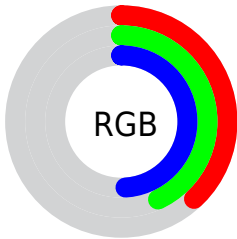
Format	Color
R _Y B	97, 106, 124
Decimal	6385276
CIE Lab	45.84, -1.58, -9.39
CIE LCh	46, 9.522, 260.454
Yxy	15.1485, 0.2799, 0.2997
Android (android.graphics.Color)	4284575356 (0xFF616E7C)
YUV	107.7090, 8.0315, -9.3918
Hunter-Lab	38.9211, -3.2455, -5.1221

Details

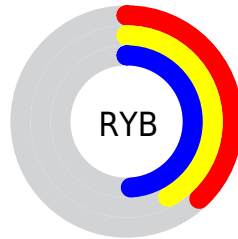
The XYZ color **14.1438, 15.1485, 21.2473** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1545, 16.5171, 13.6463**, and the grayscale version is **14.1535, 14.8906, 16.2159**.

A 20% lighter version of the original color is **33.0689, 35.3109, 46.6677**, and **4.3629, 4.7411, 7.3418** is the 20% darker color. If you saturate the color by 10%, you get **12.2558, 13.1829, 20.9677**, and if you desaturate by 10%, it is **16.2896, 17.3225, 21.5541**.

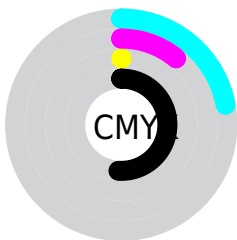
Distribution



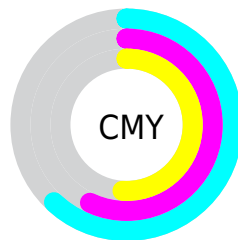
- Red (38%)
- Green (43%)
- Blue (49%)



- Red (38%)
- Yellow (42%)
- Blue (49%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (51%)



- Cyan (62%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1438, 15.1485, 21.2473 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 14.1438, 15.1485, 21.2473 by changing the saturation by 10% instead.

■ 14.1438, 15.1485,
21.2473

■ 14.1438, 15.1485,
21.2473

211.6163,
224.2633, 271.4139

■ 8.3031, 8.9237,
13.1119

■ 32.9281, 35.1135,
46.3849

■ 4.3429, 4.6914,
7.3740

■ 46.6024, 49.6224,
64.2241

■ 1.8979, 2.0674,
3.6151

■ 63.6187, 67.6615,
86.1350

■ 0.5756, 0.6462,
1.4167

■ 84.3422, 89.6152,
112.5362

■ 0.0000, 0.0000,
0.1547

109.1384,
115.8678, 143.8461

■ 0.0000, 0.0000,
0.0000

138.3726,

146.8038, 180.4834

172.4101,
182.8075, 222.8665

■ 14.1438, 15.1485,
21.2473

■ 14.1438, 15.1485,
21.2473

■ 12.2558, 13.1829,
20.9677

■ 16.2896, 17.3225,
21.5541

■ 10.6137, 11.4168,
20.7133

■ 18.7018, 19.7097,
21.8877

■ 9.2064, 9.8433,
20.4838

■ 21.3903, 22.3171,
22.2493

■ 8.0216, 8.4543,
20.2781

■ 24.3641, 25.1507,
22.6395

■ 7.0456, 7.2411,
20.0954

■ 27.6316, 28.2164,
23.0590

■ 6.2630, 6.1939,
19.9345

■ 31.2010, 31.5196,
23.5085

■ 5.6561, 5.3016,
19.7942

■ 35.0802, 35.0658,
23.9885

■ 5.2389, 4.6567,
19.6918

■ 39.2767, 38.8602,
24.4997

■ 43.7978, 42.9077,
25.0427

Harmonies

Analogous

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



13.4379, 15.1485, 20.1420



14.1438, 15.1485, 21.2473



14.9442, 15.1485, 20.9909

Triad

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



14.1438, 15.1485, 21.2473



15.8929, 15.1485, 14.9975



13.2408, 15.1485, 13.8374

Complementary

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



14.1438, 15.1485, 21.2473



16.1545, 16.5171, 13.6463

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.



13.8657, 15.1485, 12.6903



14.1438, 15.1485, 21.2473



15.4032, 15.1485, 13.3157

Square

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



14.1438, 15.1485, 21.2473



15.9741, 15.1485, 17.2380



14.6556, 15.1485, 12.5086



12.9295, 15.1485, 15.7720

Rectangle

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



14.1438, 15.1485, 21.2473



15.4228, 15.1485, 20.0906



14.6556, 15.1485, 12.5086



13.4200, 15.1485, 13.3547

Sweetspot

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



14.1443, 15.1491, 21.2476



30.5619, 32.3712, 38.1941



15.0042, 18.1036, 17.7284



7.1548, 7.5813, 8.9893



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.



14.1443, 15.1491, 21.2476



23.2254, 24.9379, 37.1460



12.8910, 12.5712, 20.8161



3.9421, 4.1824, 5.0427



5.3231, 4.7287, 20.0175



24.5480, 20.8687, 95.2040

Inverse Universe

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



15.4017, 13.9606, 16.6355



25.8699, 22.5700, 27.4168



17.6129, 19.5303, 14.1510



4.0712, 4.0442, 4.5726



9.2702, 4.6842, 4.7137



43.7938, 22.1739, 20.2423

Previews

White Background



This preview shows how the XYZ color 14.1438, 15.1485, 21.2473 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 14.1438, 15.1485, 21.2473 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

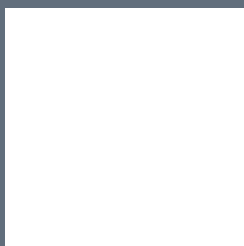
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1438, 15.1485, 21.2473

Background



This preview shows how black text looks on a background with the XYZ color 14.1438, 15.1485, 21.2473.

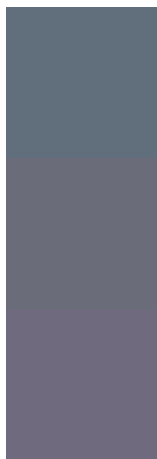


This preview shows how white text looks on a background with the XYZ color 14.1438, 15.1485,

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

14.1438, 15.1485, 21.2473

Protanopia

14.8193, 15.1944, 20.5641

Deuteranopia

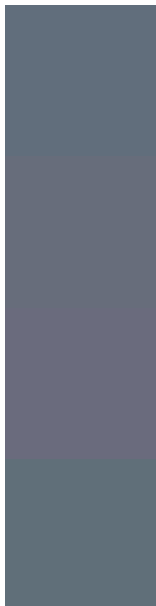
15.4113, 15.1682, 21.5175



Tritanopia

13.8985, 15.2117, 19.9729

Trichromacy



Original Color

14.1438, 15.1485, 21.2473

Protanomaly

14.6373, 15.2509, 20.9111

Deuteranomaly

14.9032, 15.0602, 21.5235

Tritanomaly

13.9595, 15.2362, 20.2943

Monochromacy



Original Color

14.1438, 15.1485, 21.2473

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2148, 15.0952, 18.0841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1438, 15.1485, 21.2473 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(97, 110, 124) looks like.

```
.text, #text, p{  
    color:rgb(97, 110, 124)  
}
```

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(97, 110, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 110, 124) }
```

Border

The CSS property to change the border of an element to XYZ 14.1438, 15.1485, 21.2473 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(97, 110, 124) }
```


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

```
.border{ border-color:rgb(97, 110, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 110, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 110, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 110, 124);  
box-shadow:4px 4px 4px 4px rgb(97, 110,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1438, 15.1485, 21.2473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 110, 124) }
```

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

```
.background{ background-color: rgb(97, 110,  
124) }
```

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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