

Converting Colors

XYZ(14.5628, 15.3120, 20.4158)

Have a look what the booklet for
XYZ(14.5628, 15.3120, 20.4158)
contains.

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Color

**XYZ(14.6206, 15.4159,
20.2941)**

Conversions

Conversions Part 1

Format	Color
Hex	676E79
RGB	103, 110, 121
RGB Percent	40%, 43%, 47%
CMY	0.5961, 0.5686, 0.5255
CMYK	0.15, 0.09, 0.00, 0.53
HSL	217°, 8%, 44%
HSV	217°, 15%, 47%
XYZ	14.6206, 15.4159, 20.2941
YIQ	109.1610, -7.7030, 1.9370

Conversions

Conversions Part 2

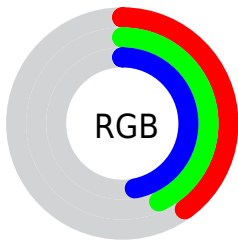
Format	Color
R_{YB}	103, 108, 121
Decimal	6778489
CIE Lab	46.20, -0.19, -7.00
CIE LCh	46, 7.008, 268.415
Yxy	15.4159, 0.2905, 0.3063
Android (android.graphics.Color)	4284968569 (0xFF676E79)
YUV	109.1610, 5.8366, -5.4032
Hunter-Lab	39.2631, -2.2414, -3.1613

Details

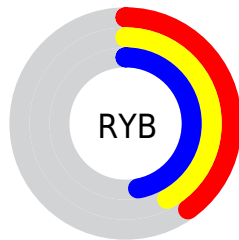
The XYZ color **14.6206, 15.4159, 20.2941** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3506, 17.0786, 15.2669**, and the grayscale version is **14.5674, 15.3260, 16.6900**.

A 20% lighter version of the original color is **33.7896, 35.7278, 44.6504**, and **4.6110, 4.8768, 7.0016** is the 20% darker color. If you saturate the color by 10%, you get **12.5673, 13.2226, 19.9792**, and if you desaturate by 10%, it is **16.9422, 17.8472, 20.6413**.

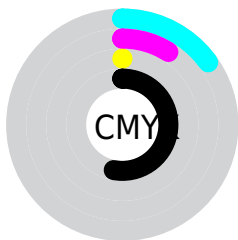
Distribution



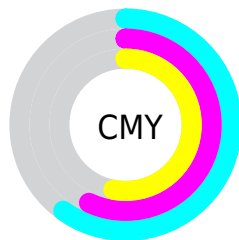
- Red (40%)
- Green (43%)
- Blue (47%)



- Red (40%)
- Yellow (42%)
- Blue (47%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6206, 15.4159, 20.2941 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 14.6206, 15.4159, 20.2941 by changing the saturation by 10% instead.

■ 14.6206, 15.4159,
20.2941

■ 14.6206, 15.4159,
20.2941

214.4924,
225.8699, 266.1595

■ 8.6381, 9.1118,
12.4228

■ 33.7634, 35.5812,
44.7751

■ 4.5611, 4.8142,
6.9063

■ 47.6544, 50.2111,
62.2220

■ 2.0242, 2.1386,
3.3260

■ 64.9122, 68.3851,
83.6978

■ 0.6475, 0.6862,
1.2634

■ 85.9024, 90.4876,
109.6210

■ 0.0000, 0.0000,
0.0315

110.9901,
116.9029, 140.4103

■ 0.0000, 0.0000,
0.0000

140.5408,

148.0155, 176.4841

174.9198,
184.2097, 218.2610

■ 14.6206, 15.4159,
20.2941

■ 14.6206, 15.4159,
20.2941

■ 12.5673, 13.2226,
19.9792

■ 16.9422, 17.8472,
20.6413

■ 10.7708, 11.2577,
19.6946

■ 19.5405, 20.5218,
21.0206

■ 9.2207, 9.5137,
19.4397

■ 22.4250, 23.4474,
21.4332

■ 7.9052, 7.9820,
19.2134

■ 25.6045, 26.6306,
21.8801

■ 6.8116, 6.6533,
19.0146

■ 29.0871, 30.0777,
22.3619

■ 5.9259, 5.5175,
18.8420

■ 32.8811, 33.7950,
22.8794

■ 5.2320, 4.5634,
18.6944

■ 36.9940, 37.7884,
23.4335

■ 4.7064, 3.7757,
18.5701

■ 41.4332, 42.0636,
24.0247

■ 4.4705, 3.4190,
18.5137

■ 46.2059, 46.6263,
24.6538

Harmonies

Analogous

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



14.0588, 15.4159, 19.7473



14.6206, 15.4159, 20.2941



15.2059, 15.4159, 19.8489

Triad

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



14.6206, 15.4159, 20.2941



15.6863, 15.4159, 15.2676



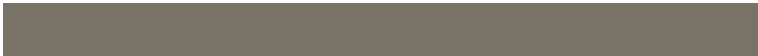
13.6952, 15.4159, 15.1202

Complementary

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



14.6206, 15.4159, 20.2941



16.3506, 17.0786, 15.2669

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.



14.1124, 15.4159, 14.0543



14.6206, 15.4159, 20.2941



15.2624, 15.4159, 14.1353

Square

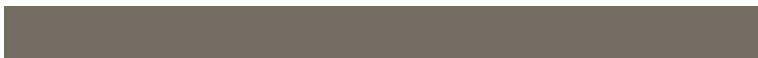
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.6206, 15.4159, 20.2941



15.8311, 15.4159, 16.8765



14.6841, 15.4159, 13.7062



13.5336, 15.4159, 16.6945

Rectangle

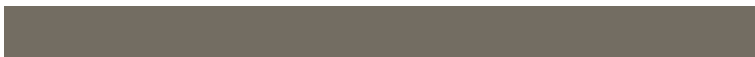
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.6206, 15.4159, 20.2941



15.5287, 15.4159, 19.0654



14.6841, 15.4159, 13.7062



13.8097, 15.4159, 14.6946

Sweetspot

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



14.6211, 15.4165, 20.2944



30.6818, 32.3151, 37.0132



15.4570, 17.7689, 18.4752



6.9508, 7.3219, 8.4536



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.6211, 15.4165, 20.2944



24.8137, 26.1546, 36.1334



14.1039, 14.0724, 20.0622



3.9136, 4.1256, 5.0332



4.7803, 3.6431, 19.8365



22.0287, 15.8301, 94.3643

Inverse Universe

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



15.5502, 14.8915, 16.8074



26.8416, 25.0640, 28.5102



16.9210, 18.5903, 15.5286



4.0569, 4.0385, 4.4971



8.9962, 4.5746, 3.2711



42.5222, 21.6652, 13.5460

Previews

White Background



This preview shows how the XYZ color 14.6206, 15.4159, 20.2941 looks on a white background.

Color Contrast Check

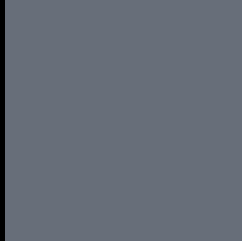
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6206, 15.4159, 20.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

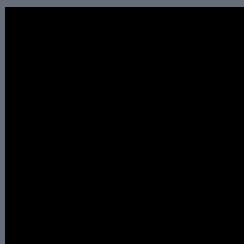
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

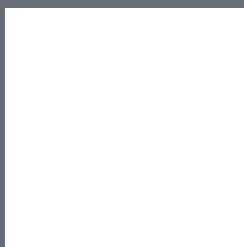
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6206, 15.4159, 20.2941

Background



This preview shows how black text looks on a background with the XYZ color 14.6206, 15.4159, 20.2941.

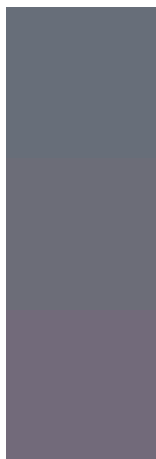


This preview shows how white text looks on a background with the XYZ color 14.6206, 15.4159,

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

14.6206, 15.4159, 20.2941

Protanopia

15.0431, 15.4815, 19.9647

Deuteranopia

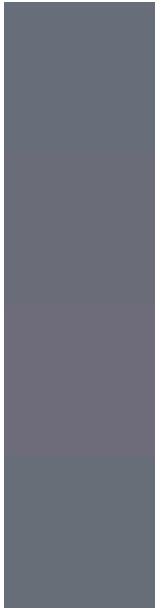
15.6063, 15.2906, 20.5412



Tritanopia

14.4992, 15.3673, 19.6548

Trichromacy



Original Color

14.6206, 15.4159, 20.2941

Protanomaly

14.8027, 15.3575, 19.9534

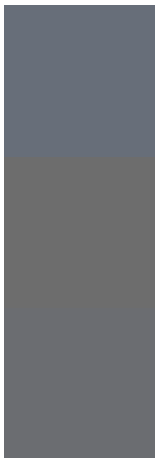
Deuteranomaly

15.2010, 15.2355, 20.5519

Tritanomaly

14.5596, 15.3915, 19.9728

Monochromacy



Original Color

14.6206, 15.4159, 20.2941

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5127, 15.2553, 17.8025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6206, 15.4159, 20.2941 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(103, 110, 121)` looks like.

```
.text, #text, p{  
    color:rgb(103, 110, 121)  
}
```

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(103, 110, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 110, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.6206, 15.4159, 20.2941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

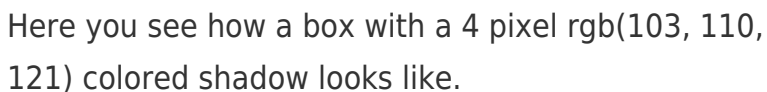
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 110, 121) }
```


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

```
.border{ border-color:rgb(103, 110, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 110, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 110, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 110, 121);  
box-shadow:4px 4px 4px 4px rgb(103, 110,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6206, 15.4159, 20.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 110, 121) }
```

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

```
.background{ background-color: rgb(103,  
110, 121) }
```

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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