

Converting Colors

XYZ(14.0939, 15.0950, 18.8209)

Have a look what the booklet for
XYZ(14.0939, 15.0950, 18.8209)
contains.

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Color

**XYZ(13.9879, 14.9649,
18.6743)**

Conversions

Conversions Part 1

Format	Color
Hex	656D74
RGB	101, 109, 116
RGB Percent	40%, 43%, 45%
CMY	0.6039, 0.5725, 0.5451
CMYK	0.13, 0.06, 0.00, 0.55
HSL	208°, 7%, 43%
HSV	208°, 13%, 45%
XYZ	13.9879, 14.9649, 18.6743
YIQ	107.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

Format	Color
R_{YB}	101, 106, 116
Decimal	6647156
CIE _{Lab}	45.59, -1.48, -4.94
CIE _{LCh}	46, 5.153, 253.365
Yxy	14.9649, 0.2937, 0.3142
Android (android.graphics.Color)	4284837236 (0xFF656D74)
YUV	107.4060, 4.2368, -5.6181
Hunter-Lab	38.6845, -3.1542, -1.5421

Details

The XYZ color **13.9879, 14.9649, 18.6743** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9142, 15.3779, 14.4946**, and the grayscale version is **14.0782, 14.8114, 16.1296**.

A 20% lighter version of the original color is **32.5876, 34.6442, 42.0152**, and **4.2873, 4.6469, 6.1398** is the 20% darker color. If you saturate the color by 10%, you get **12.2200, 13.2229, 18.4315**, and if you desaturate by 10%, it is **15.9756, 16.8738, 18.9382**.

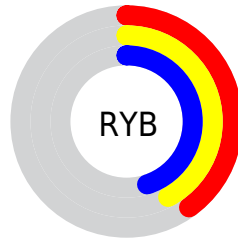
Distribution



Red (40%)

Green (43%)

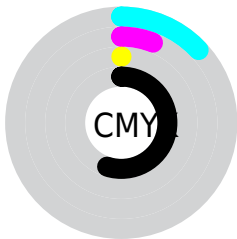
Blue (45%)



Red (40%)

Yellow (42%)

Blue (45%)

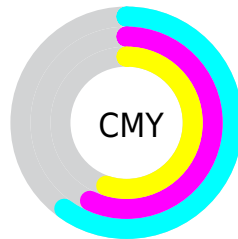


Cyan (13%)

Magenta (6%)

Yellow (0%)

Black (55%)



Cyan (60%)

Magenta (57%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9879, 14.9649, 18.6743 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 13.9879, 14.9649, 18.6743 by changing the saturation by 10% instead.

■ 13.9879, 14.9649,
18.6743

■ 13.9879, 14.9649,
18.6743

210.6677,
223.1537, 257.0073

■ 8.1939, 8.7948,
11.2607

■ 32.6540, 34.7916,
42.0124

■ 4.2721, 4.6076,
6.1261

■ 46.2568, 49.2169,
58.7739

■ 1.8572, 2.0189,
2.8519

■ 63.1933, 67.1628,
79.4886

■ 0.5518, 0.6184,
1.0195

■ 83.8287, 89.0136,
104.5749

■ 0.0000, 0.0000,
0.0000

108.5285,
115.1536, 134.4514

137.6581,

145.9674, 169.5366

171.5826,
181.8393, 210.2491

■ 13.9879, 14.9649,
18.6743

■ 13.9879, 14.9649,
18.6743

■ 12.2200, 13.2229,
18.4315

■ 15.9756, 16.8738,
18.9382

■ 10.6623, 11.6408,
18.2082

■ 18.1896, 18.9526,
19.2228

■ 9.3065, 10.2136,
18.0042

■ 20.6377, 21.2068,
19.5289

■ 8.1430, 8.9354,
17.8188

■ 23.3271, 23.6408,
19.8569

■ 7.1614, 7.7999,
17.6514

■ 26.2644, 26.2590,
20.2075

■ 6.3505, 6.8002,
17.5011

■ 29.4561, 29.0654,
20.5810

■ 5.6973, 5.9285,
17.3673

■ 32.9085, 32.0643,
20.9778

■ 5.1859, 5.1754,
17.2489

■ 36.6275, 35.2594,
21.3985

■ 4.8682, 4.6925,
17.1724

■ 40.6190, 38.6545,
21.8435

Harmonies

Analogous

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



13.6300, 14.9649, 17.9778



13.9879, 14.9649, 18.6743



14.4160, 14.9649, 18.7127

Triad

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



13.9879, 14.9649, 18.6743



15.0448, 14.9649, 15.7521



13.6625, 14.9649, 14.6299

Complementary

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



13.9879, 14.9649, 18.6743



14.9142, 15.3779, 14.4946

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.



14.0331, 14.9649, 14.0937



13.9879, 14.9649, 18.6743



14.8344, 14.9649, 14.7192

Square

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



13.9879, 14.9649, 18.6743



15.0321, 14.9649, 16.9828



14.4621, 14.9649, 14.1255



13.4448, 14.9649, 15.6246

Rectangle

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



13.9879, 14.9649, 18.6743



14.6841, 14.9649, 18.3567



14.4621, 14.9649, 14.1255



13.7730, 14.9649, 14.3924

Sweetspot

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



13.9883, 14.9655, 18.6746



27.6524, 29.2525, 33.2334



14.3061, 16.3352, 16.5171



6.5419, 6.9262, 7.9211



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.9883, 14.9655, 18.6746



23.4656, 25.2093, 32.6736



13.2465, 13.4818, 18.4273



3.6473, 3.8832, 4.6475



5.4445, 5.2287, 19.2649



25.6676, 23.7517, 93.5920

Inverse Universe

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



14.6169, 14.1249, 16.4246



24.8461, 23.4158, 27.7198



15.7110, 16.9715, 14.7601



3.7580, 3.7305, 4.2523



9.0453, 4.5518, 5.4466



43.6425, 22.0071, 24.2447

Previews

White Background



This preview shows how the XYZ color 13.9879, 14.9649, 18.6743 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 13.9879, 14.9649, 18.6743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

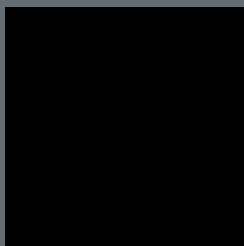
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

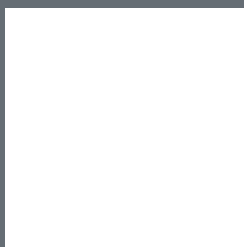
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9879, 14.9649, 18.6743

Background



This preview shows how black text looks on a background with the XYZ color 13.9879, 14.9649, 18.6743.



This preview shows how white text looks on a background with the XYZ color 13.9879, 14.9649,

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

13.9879, 14.9649, 18.6743

Protanopia

14.5365, 14.9413, 18.3375

Deuteranopia

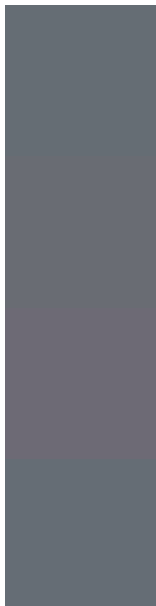
15.2019, 14.9649, 18.9169



Tritanopia

14.0464, 14.9883, 18.9823

Trichromacy



Original Color

13.9879, 14.9649, 18.6743

Protanomaly

14.2828, 14.9662, 18.3556

Deuteranomaly

14.6716, 14.8436, 18.9215

Tritanomaly

14.0464, 14.9883, 18.9823

Monochromacy



Original Color

13.9879, 14.9649, 18.6743

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0027, 14.8542, 16.8810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9879, 14.9649, 18.6743 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(101, 109, 116)` looks like.

```
.text, #text, p{  
    color:rgb(101, 109, 116)  
}
```

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(101, 109, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 109, 116) }
```

Border

The CSS property to change the border of an element to XYZ 13.9879, 14.9649, 18.6743 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(101, 109, 116) }
```


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

```
.border{ border-color:rgb(101, 109, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 109, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 109, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 109, 116); box-shadow:4px 4px 4px 4px rgb(101, 109, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9879, 14.9649, 18.6743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 109, 116) }
```

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

```
.background{ background-color: rgb(101,  
109, 116) }
```

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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