

Converting Colors

XYZ(16.6259, 15.5404, 21.1581)

Have a look what the booklet for
XYZ(16.6259, 15.5404, 21.1581)
contains.

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Color

**XYZ(16.6144, 15.4934,
21.1836)**

Conversions

Conversions Part 1

Format	Color
Hex	7A687C
RGB	122, 104, 124
RGB Percent	48%, 41%, 49%
CMY	0.5216, 0.5921, 0.5137
CMYK	0.02, 0.16, 0.00, 0.51
HSL	294°, 9%, 45%
HSV	294°, 16%, 49%
XYZ	16.6144, 15.4934, 21.1836
YIQ	111.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

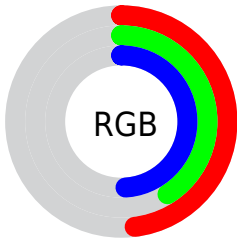
Format	Color
R _Y B	122, 104, 124
Decimal	8022140
CIE Lab	46.30, 11.02, -8.47
CIE LCh	46, 13.900, 322.453
Yxy	15.4934, 0.3118, 0.2907
Android (android.graphics.Color)	4286212220 (0xFF7A687C)
YUV	111.6620, 6.0826, 9.0664
Hunter-Lab	39.3617, 6.4612, -4.3554

Details

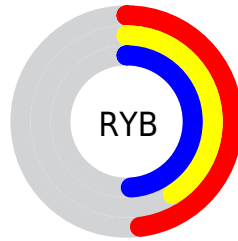
The XYZ color **16.6144, 15.4934, 21.1836** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6507, 18.4793, 15.8394**, and the grayscale version is **15.2844, 16.0804, 17.5115**.

A 20% lighter version of the original color is **37.3364, 35.7310, 46.5239**, and **5.4808, 4.8507, 7.3040** is the 20% darker color. If you saturate the color by 10%, you get **15.2826, 13.0886, 20.7898**, and if you desaturate by 10%, it is **18.1329, 18.2678, 21.6393**.

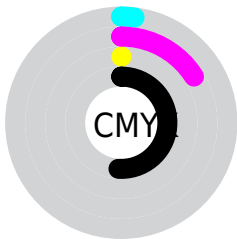
Distribution



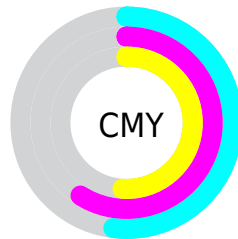
- Red (48%)
- Green (41%)
- Blue (49%)



- Red (48%)
- Yellow (41%)
- Blue (49%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6144, 15.4934, 21.1836 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 16.6144, 15.4934, 21.1836 by changing the saturation by 10% instead.

■ 16.6144, 15.4934,
21.1836

■ 16.6144, 15.4934,
21.1836

226.1402,
226.3335, 271.0656

■ 10.0535, 9.1664,
13.0657

■ 37.2105, 35.7165,
46.2776

■ 5.4970, 4.8499,
7.3426

■ 51.9764, 50.3813,
64.0909

■ 2.5794, 2.1594,
3.5956

■ 70.2081, 68.5942,
85.9730

■ 0.9355, 0.6977,
1.4062

■ 92.2709, 90.7396,
112.3426

■ 0.0000, 0.0000,
0.1465

118.5302,
117.2018, 143.6181

■ 0.0000, 0.0000,
0.0000

149.3512,

148.3653, 180.2180

185.0995,
184.6144, 222.5611

■ 16.6144, 15.4934,
21.1836

■ 16.6144, 15.4934,
21.1836

■ 15.2826, 13.0886,
20.7898

■ 18.1329, 18.2678,
21.6393

■ 14.1281, 11.0354,
20.4544

■ 19.8443, 21.4249,
22.1585

■ 13.1429, 9.3174,
20.1747

■ 21.7560, 24.9793,
22.7438

■ 12.3177, 7.9159,
19.9477

■ 23.8749, 28.9447,
23.3975

■ 11.6421, 6.8107,
19.7700

■ 26.2073, 33.3336,
24.1217

■ 11.1049, 5.9789,
19.6377

■ 28.7593, 38.1585,
24.9185

■ 10.6931, 5.3944,
19.5466

■ 31.5368, 43.4310,
25.7898

■ 10.3825, 5.0095,
19.4887

■ 34.5455, 49.1624,
26.7375

■ 10.2694, 4.8738,
19.4685

■ 37.7908, 55.3637,
27.7634

Harmonies

Analogous

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



15.6167, 15.4934, 23.6747



16.6144, 15.4934, 21.1836



17.1112, 15.4934, 17.7445

Triad

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



16.6144, 15.4934, 21.1836



15.0284, 15.4934, 11.1748



12.7122, 15.4934, 19.4964

Complementary

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



16.6144, 15.4934, 21.1836



15.6507, 18.4793, 15.8394

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.



12.5735, 15.4934, 16.0241



16.6144, 15.4934, 21.1836



13.8698, 15.4934, 11.5123

Square

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



16.6144, 15.4934, 21.1836



16.1639, 15.4934, 12.1919



12.9864, 15.4934, 13.1852



13.3760, 15.4934, 22.6128

Rectangle

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



16.6144, 15.4934, 21.1836



17.0736, 15.4934, 15.4966



12.9864, 15.4934, 13.1852



12.6041, 15.4934, 18.3216

Sweetspot

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



16.6149, 15.4941, 21.1839



32.1975, 32.6761, 38.1667



14.5361, 14.7759, 21.1549



7.5438, 7.6238, 8.9770



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.



16.6149, 15.4941, 21.1839



28.4232, 25.7882, 37.0362



16.4348, 15.4551, 18.7422



4.1169, 4.0581, 5.0095



10.4385, 4.9540, 19.7913



49.3850, 23.4209, 94.3876

Inverse Universe

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



15.8645, 15.2270, 15.7393



26.8730, 25.2381, 25.7103



15.8232, 18.5212, 17.9736



4.0131, 4.0210, 4.2666



8.5196, 4.3840, 0.7611



40.4862, 20.8508, 2.8244

Previews

White Background



This preview shows how the XYZ color 16.6144, 15.4934, 21.1836 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 16.6144, 15.4934, 21.1836 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 16.6144, 15.4934, 21.1836

Background



This preview shows how black text looks on a background with the XYZ color 16.6144, 15.4934, 21.1836.



This preview shows how white text looks on a background with the XYZ color 16.6144, 15.4934,

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

16.6144, 15.4934, 21.1836

Protanopia

15.2433, 15.5338, 22.2736

Deuteranopia

15.7723, 15.5229, 20.9038



Tritanopia

16.0765, 15.5879, 18.0810

Trichromacy



Original Color

16.6144, 15.4934, 21.1836

Protanomaly

15.7057, 15.4665, 21.8962

Deuteranomaly

16.0653, 15.5200, 20.8878

Tritanomaly

16.2067, 15.4761, 19.2725

Monochromacy



Original Color

16.6144, 15.4934, 21.1836

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.8235, 15.9112, 18.7602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6144, 15.4934, 21.1836 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(122, 104, 124)` looks like.

```
.text, #text, p{  
    color:rgb(122, 104, 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(122, 104, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 104, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.6144, 15.4934, 21.1836 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(122, 104, 124) }
```


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

```
.border{ border-color:rgb(122, 104, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 104, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 104, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 104, 124);  
box-shadow:4px 4px 4px 4px rgb(122, 104,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6144, 15.4934, 21.1836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 104, 124) }
```

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

```
.background{ background-color: rgb(122,  
104, 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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