

Converting Colors

XYZ(10.1850, 11.5854, 14.7961)

Have a look what the booklet for
XYZ(10.1850, 11.5854, 14.7961)
contains.

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Color

**XYZ(10.1850, 11.5854,
14.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6368
RGB	79, 99, 104
RGB Percent	31%, 39%, 41%
CMY	0.6902, 0.6118, 0.5922
CMYK	0.24, 0.05, 0.00, 0.59
HSL	192°, 14%, 36%
HSV	192°, 24%, 41%
XYZ	10.1850, 11.5854, 14.7961
YIQ	93.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

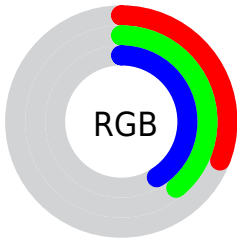
Format	Color
R_{YB}	79, 90, 104
Decimal	5202792
CIE Lab	40.55, -6.26, -5.32
CIE LCh	41, 8.217, 220.391
Yxy	11.5854, 0.2785, 0.3168
Android (android.graphics.Color)	4283392872 (0xFF4F6368)
YUV	93.5900, 5.1321, -12.7954
Hunter-Lab	34.0373, -6.1527, -1.9474

Details

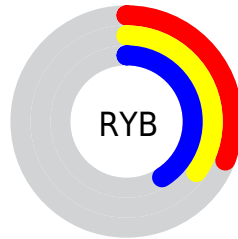
The XYZ color **10.1850, 11.5854, 14.7961** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.2907, 9.8484, 8.7560**, and the grayscale version is **10.5335, 11.0821, 12.0684**.

A 20% lighter version of the original color is **25.8760, 28.8464, 35.2144**, and **2.6388, 3.1649, 4.3427** is the 20% darker color. If you saturate the color by 10%, you get **9.1923, 10.7852, 14.6942**, and if you desaturate by 10%, it is **11.3188, 12.4665, 14.9066**.

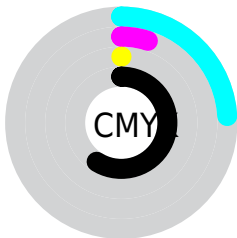
Distribution



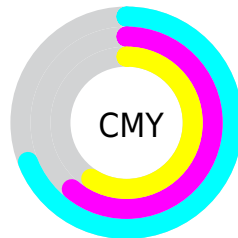
- Red (31%)
- Green (39%)
- Blue (41%)



- Red (31%)
- Yellow (35%)
- Blue (41%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1850, 11.5854, 14.7961 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 10.1850, 11.5854, 14.7961 by changing the saturation by 10% instead.

■ 10.1850, 11.5854,
14.7961

■ 10.1850, 11.5854,
14.7961

186.0135,
201.6409, 233.7268

■ 5.5850, 6.4620,
8.5314

■ 25.7894, 28.7377,
35.2323

■ 2.6327, 3.1280,
4.3442

■ 37.5245, 41.5354,
50.2409

■ 0.9626, 1.1989,
1.8160

■ 52.3688, 57.6601,
69.0011

■ 0.0000, 0.0608,
0.4385

■ 70.6874, 77.4961,
91.9316

■ 0.0000, 0.0000,
0.0000

■ 92.8459, 101.4277,
119.4509

119.2095,

129.8395, 151.9775

150.1436,
163.1157, 189.9300

■ 10.1850, 11.5854,
14.7961

■ 10.1850, 11.5854,
14.7961

■ 9.1923, 10.7852,
14.6942

■ 11.3188, 12.4665,
14.9066

■ 8.3334, 10.0612,
14.5997

■ 12.5987, 13.4301,
15.0251

■ 7.6019, 9.4102,
14.5126

■ 14.0304, 14.4797,
15.1523

■ 6.9902, 8.8284,
14.4325

■ 15.6194, 15.6181,
15.2882

■ 6.4903, 8.3115,
14.3591

■ 17.3705, 16.8478,
15.4333

■ 6.0926, 7.8546,
14.2919

■ 19.2887, 18.1713,
15.5877

■ 5.7813, 7.4494,
14.2301

■ 21.3783, 19.5912,
15.7516

■ 5.6077, 7.2174,
14.1944

■ 23.6440, 21.1097,
15.9253

■ 26.0898, 22.7291,
16.1090

Harmonies

Analogous

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



9.9522, 11.5854, 13.1986



10.1850, 11.5854, 14.7961



10.6421, 11.5854, 15.8637

Triad

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



10.1850, 11.5854, 14.7961



12.0943, 11.5854, 13.7154



10.8119, 11.5854, 9.7304

Complementary

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



10.1850, 11.5854, 14.7961



10.2907, 9.8484, 8.7560

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.



11.3895, 11.5854, 9.8424



10.1850, 11.5854, 14.7961



12.1436, 11.5854, 12.0480

Square

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



10.1850, 11.5854, 14.7961



11.7491, 11.5854, 15.2029



11.8817, 11.5854, 10.6587



10.3056, 11.5854, 10.3380

Rectangle

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



10.1850, 11.5854, 14.7961



11.0192, 11.5854, 16.0801



11.8817, 11.5854, 10.6587



11.0040, 11.5854, 9.6865

Sweetspot

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



10.1853, 11.5859, 14.7964



21.3651, 23.0114, 26.2927



9.7590, 12.1967, 10.1424



5.1933, 5.5998, 6.4130



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.1853, 11.5859, 14.7964



16.8329, 19.4976, 25.8533



9.1249, 9.4650, 14.4429



2.8595, 3.0971, 3.5790



6.8904, 8.8525, 17.4899



35.3140, 44.9247, 91.0115

Inverse Universe

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



10.7573, 9.4362, 13.0593



18.0459, 15.0616, 22.1418



11.3109, 11.8888, 9.0961



2.9136, 2.8801, 3.4177



8.9606, 4.3972, 10.4569



46.4200, 22.8080, 52.8826

Previews

White Background



This preview shows how the XYZ color 10.1850, 11.5854, 14.7961 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 10.1850, 11.5854, 14.7961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

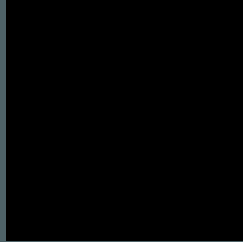
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.1850, 11.5854, 14.7961

Background



This preview shows how black text looks on a background with the XYZ color 10.1850, 11.5854, 14.7961.



This preview shows how white text looks on a background with the XYZ color 10.1850, 11.5854,

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

10.1850, 11.5854, 14.7961

Protanopia

11.1605, 11.5569, 13.9544

Deuteranopia

11.7197, 11.5579, 14.9778



Tritanopia

10.3716, 11.6698, 15.3415

Trichromacy



Original Color

10.1850, 11.5854, 14.7961

Protanomaly

10.7010, 11.4489, 14.2162

Deuteranomaly

11.0556, 11.4797, 14.9977

Tritanomaly

10.3199, 11.6491, 15.0692

Monochromacy



Original Color

10.1850, 11.5854, 14.7961

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.5073, 11.3714, 13.1964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1850, 11.5854, 14.7961 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(79, 99, 104)` looks like.

```
.text, #text, p{  
    color:rgb(79, 99, 104)  
}
```

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(79, 99, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 99, 104) }
```

Border

The CSS property to change the border of an element to XYZ 10.1850, 11.5854, 14.7961 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(79, 99, 104) }
```


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

```
.border{ border-color:rgb(79, 99, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 99, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 99, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 99, 104);  
box-shadow:4px 4px 4px 4px rgb(79, 99,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1850, 11.5854, 14.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 99, 104) }
```

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

```
.background{ background-color: rgb(79, 99,  
104) }
```

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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