

Converting Colors

XYZ(11.4374, 11.1478, 14.5673)

Have a look what the booklet for
XYZ(11.4374, 11.1478, 14.5673)
contains.

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Color

**XYZ(11.4953, 11.1910,
14.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	645B68
RGB	100, 91, 104
RGB Percent	39%, 36%, 41%
CMY	0.6078, 0.6431, 0.5922
CMYK	0.04, 0.12, 0.00, 0.59
HSL	282°, 7%, 38%
HSV	282°, 12%, 41%
XYZ	11.4953, 11.1910, 14.6509
YIQ	95.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

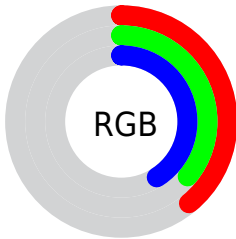
Format	Color
R_{YB}	100, 91, 104
Decimal	6577000
CIE Lab	39.90, 6.32, -6.11
CIE LCh	40, 8.785, 315.968
Yxy	11.1910, 0.3079, 0.2997
Android (android.graphics.Color)	4284767080 (0xFF645B68)
YUV	95.1730, 4.3517, 4.2333
Hunter-Lab	33.4530, 2.7946, -2.5493

Details

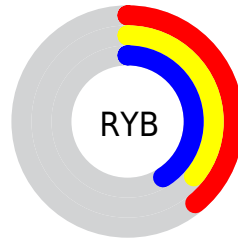
The XYZ color **11.4953, 11.1910, 14.6509** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5584, 13.0892, 11.8154**, and the grayscale version is **10.9087, 11.4768, 12.4982**.

A 20% lighter version of the original color is **28.2038, 27.9956, 34.9275**, and **3.1451, 2.9291, 4.2705** is the 20% darker color. If you saturate the color by 10%, you get **10.3202, 9.3559, 14.3588**, and if you desaturate by 10%, it is **12.8082, 13.2807, 14.9852**.

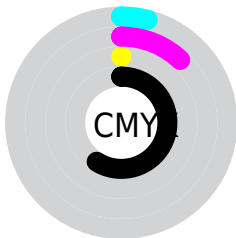
Distribution



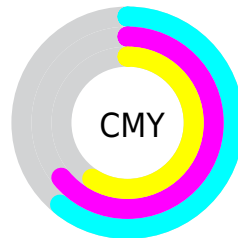
- Red (39%)
- Green (36%)
- Blue (41%)



- Red (39%)
- Yellow (36%)
- Blue (41%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (59%)



- Cyan (61%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4953, 11.1910, 14.6509 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 11.4953, 11.1910, 14.6509 by changing the saturation by 10% instead.

■ 11.4953, 11.1910,
14.6509

■ 11.4953, 11.1910,
14.6509

194.8737,
198.9733, 232.8109

■ 6.4708, 6.1955,
8.4309

■ 28.1974, 28.0128,
34.9732

■ 3.1767, 2.9643,
4.2802

■ 40.6057, 40.6079,
49.9125

■ 1.2479, 1.1131,
1.7803

■ 56.2059, 56.5049,
68.5953

■ 0.1437, 0.0000,
0.4149

■ 75.3634, 76.0883,
91.4402

■ 0.0000, 0.0000,
0.0000

■ 98.4436, 99.7424,
118.8656

125.8118,

127.8517, 151.2902

157.8334,
160.8005, 189.1324

■ 11.4953, 11.1910,
14.6509

■ 11.4953, 11.1910,
14.6509

■ 10.3202, 9.3559,
14.3588

■ 12.8082, 13.2807,
14.9852

■ 9.2767, 7.7638,
14.1065

■ 14.2629, 15.6332,
15.3626

■ 8.3596, 6.4043,
13.8924

■ 15.8642, 18.2580,
15.7849

■ 7.5630, 5.2657,
13.7146

■ 17.6167, 21.1637,
16.2534

■ 6.8803, 4.3354,
13.5710

■ 19.5245, 24.3585,
16.7695

6.3044, 3.5992,
13.4593

21.5918, 27.8505,
17.3345

5.8273, 3.0414,
13.3768

23.8224, 31.6471,
17.9498

5.4381, 2.6405,
13.3199

26.2201, 35.7558,
18.6165

5.1709, 2.3770,
13.2831

28.7885, 40.1835,
19.3357

Harmonies

Analogous

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



10.9600, 11.1910, 15.6775



11.4953, 11.1910, 14.6509



11.8058, 11.1910, 13.0110

Triad

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



11.4953, 11.1910, 14.6509



10.9213, 11.1910, 9.2299



9.5569, 11.1910, 13.1249

Complementary

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



11.4953, 11.1910, 14.6509



11.5584, 13.0892, 11.8154

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.



9.5474, 11.1910, 11.3949



11.4953, 11.1910, 14.6509



10.3198, 11.1910, 9.2541

Square

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



11.4953, 11.1910, 14.6509



11.4660, 11.1910, 9.9431



9.8220, 11.1910, 10.0128



9.8484, 11.1910, 14.7411

Rectangle

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



11.4953, 11.1910, 14.6509



11.8363, 11.1910, 11.8419



9.8220, 11.1910, 10.0128



9.5210, 11.1910, 12.5348

Sweetspot

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



11.4956, 11.1915, 14.6511



22.0822, 22.6770, 26.1903



10.9163, 11.4296, 14.7276



5.3526, 5.4768, 6.3809



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.



11.4956, 11.1915, 14.6511



19.5403, 18.6472, 25.5465



11.8297, 11.3775, 14.0438



2.8581, 2.8489, 3.5312



6.3410, 2.9131, 16.3724



32.1491, 14.7177, 85.3478

Inverse Universe

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



11.5160, 11.2520, 12.3920



19.5909, 18.7802, 20.7189



11.2579, 12.9222, 12.3466



2.8609, 2.8590, 3.1403



7.3454, 3.7511, 1.9515



37.9585, 19.4234, 8.3247

Previews

White Background



This preview shows how the XYZ color 11.4953, 11.1910, 14.6509 looks on a white background.

Color Contrast Check

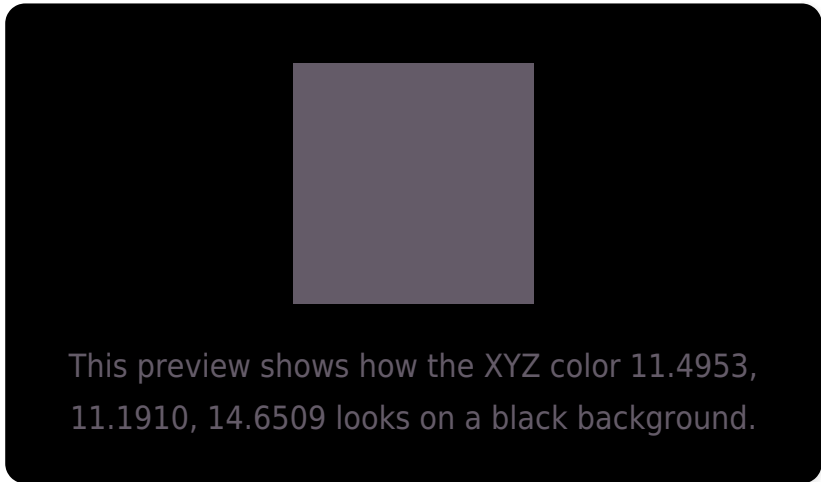
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.4953, 11.1910, 14.6509

Background



This preview shows how black text looks on a background with the XYZ color 11.4953, 11.1910, 14.6509.

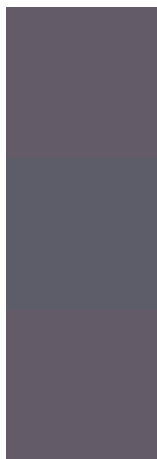


This preview shows how white text looks on a background with the XYZ color 11.4953, 11.1910,

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

11.4953, 11.1910, 14.6509

Protanopia

10.8778, 11.1239, 14.9384

Deuteranopia

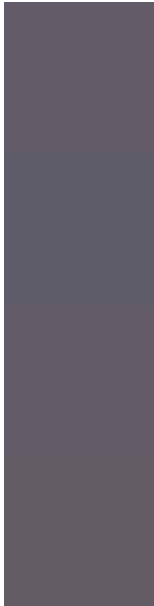
11.3854, 11.1343, 14.6458



Tritanopia

11.2249, 11.2078, 13.3761

Trichromacy



Original Color

11.4953, 11.1910, 14.6509

Protanomaly

11.0963, 11.1071, 14.9237

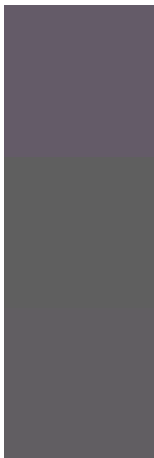
Deuteranomaly

11.3854, 11.1343, 14.6458

Tritanomaly

11.3217, 11.2465, 13.8860

Monochromacy



Original Color

11.4953, 11.1910, 14.6509

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.1371, 11.4286, 13.1742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4953, 11.1910, 14.6509 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(100, 91, 104)` looks like.

```
.text, #text, p{  
    color:rgb(100, 91, 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(100, 91, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 91, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.4953, 11.1910, 14.6509 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(100, 91, 104) }
```


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

```
.border{ border-color:rgb(100, 91, 104) }
```

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

Here you see how a box with a 4 pixel rgb(100, 91, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 91, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 91, 104);  
box-shadow:4px 4px 4px 4px rgb(100, 91,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4953, 11.1910, 14.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 91, 104) }
```

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

```
.background{ background-color: rgb(100, 91,  
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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