

Converting Colors

XYZ(10.0900, 11.9187, 14.6003)

Have a look what the booklet for
XYZ(10.0900, 11.9187, 14.6003)
contains.

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Color

**XYZ(10.1012, 11.9779,
14.6115)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6667
RGB	75, 102, 103
RGB Percent	29%, 40%, 40%
CMY	0.7059, 0.6000, 0.5961
CMYK	0.27, 0.01, 0.00, 0.60
HSL	182°, 16%, 35%
HSV	182°, 27%, 40%
XYZ	10.1012, 11.9779, 14.6115
YIQ	94.0410, -16.4130, -5.4130

Conversions

Conversions Part 2

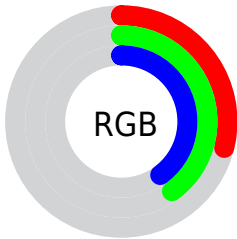
Format	Color
R_{YB}	75, 89, 103
Decimal	4941415
CIE _{Lab}	41.18, -9.63, -3.81
CIE _{LCh}	41, 10.358, 201.559
Yxy	11.9779, 0.2753, 0.3265
Android (android.graphics.Color)	4283131495 (0xFF4B6667)
YUV	94.0410, 4.4168, -16.6990
Hunter-Lab	34.6091, -8.4680, -0.8051

Details

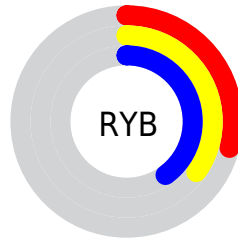
The XYZ color **10.1012, 11.9779, 14.6115** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.4480, 8.5604, 7.8112**, and the grayscale version is **10.6420, 11.1962, 12.1926**.

A 20% lighter version of the original color is **25.6814, 29.4755, 34.9076**, and **2.5867, 3.2791, 4.2380** is the 20% darker color. If you saturate the color by 10%, you get **9.3240, 11.5241, 14.5651**, and if you desaturate by 10%, it is **11.0097, 12.5003, 14.6646**.

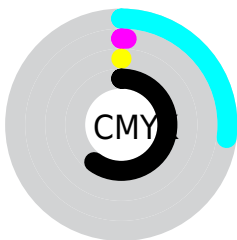
Distribution



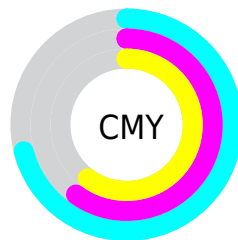
- Red (29%)
- Green (40%)
- Blue (40%)



- Red (29%)
- Yellow (35%)
- Blue (40%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (60%)



- Cyan (71%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1012, 11.9779, 14.6115 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 10.1012, 11.9779, 14.6115 by changing the saturation by 10% instead.

■ 10.1012, 11.9779,
14.6115

■ 10.1012, 11.9779,
14.6115

185.4314,
204.2589, 232.5617

■ 5.5289, 6.7286,
8.4036

■ 25.6336, 29.4548,
34.9028

■ 2.5987, 3.2930,
4.2628

■ 37.3245, 42.4513,
49.8233

■ 0.9453, 1.2865,
1.7706

■ 52.1188, 58.7990,
68.4850

■ 0.0000, 0.1307,
0.4085

■ 70.3821, 78.8822,
91.3066

■ 0.0000, 0.0000,
0.0000

■ 92.4796, 103.0854,
118.7065

118.7768,

131.7930, 151.1033

149.6389,
165.3894, 188.9155

■ 10.1012, 11.9779,
14.6115

■ 10.1012, 11.9779,
14.6115

■ 9.3240, 11.5241,
14.5651

■ 11.0097, 12.5003,
14.6646

■ 8.6709, 11.1342,
14.5242

■ 12.0543, 13.0927,
14.7239

■ 8.1353, 10.8051,
14.4889

■ 13.2410, 13.7586,
14.7899

■ 7.7099, 10.5330,
14.4588

■ 14.5747, 14.5006,
14.8629

■ 7.3863, 10.3137,
14.4336

■ 16.0606, 15.3213,
14.9429

■ 7.1551, 10.1422,
14.4126

■ 17.7033, 16.2230,
15.0304

■ 6.9874, 10.0037,
14.3948

■ 19.5072, 17.2081,
15.1255

■ 6.9412, 9.9653,
14.3898

■ 21.4768, 18.2788,
15.2283

■ 23.6162, 19.4373,
15.3392

Harmonies

Analogous

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



10.0230, 11.9779, 12.4477



10.1012, 11.9779, 14.6115



10.5154, 11.9779, 16.5339

Triad

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



10.1012, 11.9779, 14.6115



12.5463, 11.9779, 15.7681



11.5966, 11.9779, 9.3836

Complementary

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



10.1012, 11.9779, 14.6115



9.4480, 8.5604, 7.8112

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.



12.3005, 11.9779, 10.0799



10.1012, 11.9779, 14.6115



12.8643, 11.9779, 13.6547

Square

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



10.1012, 11.9779, 14.6115



11.9203, 11.9779, 17.2508



12.7724, 11.9779, 11.5889



10.8653, 11.9779, 9.5802

Rectangle

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



10.1012, 11.9779, 14.6115



10.9366, 11.9779, 17.3431



12.7724, 11.9779, 11.5889



11.8447, 11.9779, 9.5180

Sweetspot

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



10.1016, 11.9784, 14.6118



21.3760, 23.3261, 26.3528



9.0543, 11.7174, 8.6100



5.1578, 5.6586, 6.4262



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.



10.1016, 11.9784, 14.6118



17.1183, 20.8836, 26.1058



8.8452, 9.4657, 14.1930



2.8957, 3.1693, 3.5911



8.7274, 12.5266, 18.1022



45.3773, 65.0513, 94.3659

Inverse Universe

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



10.5081, 8.8753, 13.7302



17.9910, 14.2779, 24.2013



10.5142, 10.6928, 8.1666



2.9319, 2.8874, 3.5138



9.8879, 4.7681, 15.3398



51.4995, 24.8398, 79.6309

Previews

White Background



This preview shows how the XYZ color 10.1012, 11.9779, 14.6115 looks on a white background.

Color Contrast Check

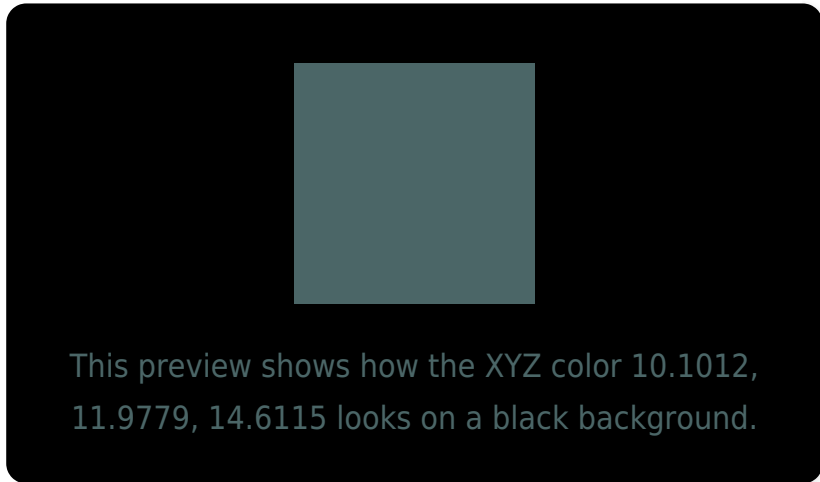
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.1012, 11.9779, 14.6115

Background



This preview shows how black text looks on a background with the XYZ color 10.1012, 11.9779, 14.6115.



This preview shows how white text looks on a background with the XYZ color 10.1012, 11.9779,

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

10.1012, 11.9779, 14.6115

Protanopia

11.5201, 11.8825, 13.7430

Deuteranopia

12.1460, 11.9089, 15.0231



Tritanopia

10.3945, 11.9480, 16.2263

Trichromacy



Original Color

10.1012, 11.9779, 14.6115

Protanomaly

10.9331, 11.8486, 14.0227

Deuteranomaly

11.2876, 11.8760, 14.7941

Tritanomaly

10.2880, 11.9054, 15.6657

Monochromacy



Original Color

10.1012, 11.9779, 14.6115

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.3628, 11.4387, 12.9710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1012, 11.9779, 14.6115 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(75, 102, 103)` looks like.

```
.text, #text, p{  
    color:rgb(75, 102, 103)  
}
```

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(75, 102, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 102, 103) }
```

Border

The CSS property to change the border of an element to XYZ 10.1012, 11.9779, 14.6115 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(75, 102, 103) }
```


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

```
.border{ border-color:rgb(75, 102, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 102, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 102, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 102, 103);  
box-shadow:4px 4px 4px 4px rgb(75, 102,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1012, 11.9779, 14.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 102, 103) }
```

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

```
.background{ background-color: rgb(75, 102,  
103) }
```

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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