

Converting Colors

XYZ(10.8134, 11.9090, 14.0056)

Have a look what the booklet for
XYZ(10.8134, 11.9090, 14.0056)
contains.

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Color

**XYZ(10.8353, 11.9380,
14.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	586365
RGB	88, 99, 101
RGB Percent	35%, 39%, 40%
CMY	0.6549, 0.6118, 0.6039
CMYK	0.13, 0.02, 0.00, 0.60
HSL	189°, 7%, 37%
HSV	189°, 13%, 40%
XYZ	10.8353, 11.9380, 14.0451
YIQ	95.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

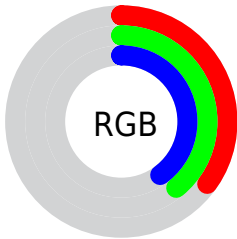
Format	Color
R_{YB}	88, 94, 101
Decimal	5792613
CIE _{Lab}	41.12, -3.76, -2.58
CIE _{LCh}	41, 4.554, 214.438
Yxy	11.9380, 0.2943, 0.3242
Android (android.graphics.Color)	4283982693 (0xFF586365)
YUV	95.9390, 2.4951, -6.9625
Hunter-Lab	34.5514, -4.4875, 0.0847

Details

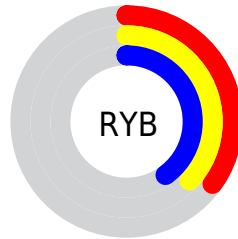
The XYZ color **10.8353, 11.9380, 14.0451** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.7845, 10.7835, 10.7457**, and the grayscale version is **11.0991, 11.6771, 12.7164**.

A 20% lighter version of the original color is **27.0551, 29.4830, 33.9706**, and **2.8938, 3.3048, 3.9754** is the 20% darker color. If you saturate the color by 10%, you get **9.7991, 11.1879, 13.9551**, and if you desaturate by 10%, it is **12.0075, 12.7631, 14.1428**.

Distribution



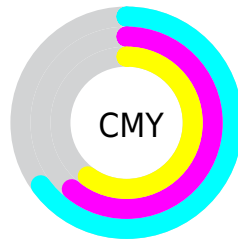
- Red (35%)
- Green (39%)
- Blue (40%)



- Red (35%)
- Yellow (37%)
- Blue (40%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8353, 11.9380, 14.0451 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 10.8353, 11.9380, 14.0451 by changing the saturation by 10% instead.

■ 10.8353, 11.9380,
14.0451

■ 10.8353, 11.9380,
14.0451

190.4658,
203.9944, 228.9494

■ 6.0227, 6.7015,
8.0129

■ 26.9909, 29.3821,
33.8873

■ 2.8997, 3.2761,
4.0153

■ 39.0645, 42.3585,
48.5344

■ 1.1009, 1.2775,
1.6338

■ 54.2892, 58.6837,
66.8903

■ 0.0259, 0.1237,
0.3147

■ 73.0303, 78.7420,
89.3734

■ 0.0000, 0.0000,
0.0000

■ 95.6531, 102.9178,
116.4023

122.5231,

131.5955, 148.3956

154.0056,
165.1596, 185.7718

■ 10.8353, 11.9380,
14.0451

■ 10.8353, 11.9380,
14.0451

■ 9.7991, 11.1879,
13.9551

■ 12.0075, 12.7631,
14.1428

■ 8.8925, 10.5085,
13.8718

■ 13.3197, 13.6642,
14.2475

■ 8.1100, 9.8971,
13.7950

■ 14.7773, 14.6445,
14.3599

■ 7.4453, 9.3507,
13.7246

■ 16.3848, 15.7064,
14.4802

■ 6.8917, 8.8655,
13.6601

■ 18.1465, 16.8521,
14.6085

■ 6.4415, 8.4379,
13.6013

■ 20.0669, 18.0839,
14.7450

■ 6.0864, 8.0632,
13.5477

■ 22.1498, 19.4038,
14.8900

■ 5.8136, 7.7351,
13.4987

■ 24.3992, 20.8139,
15.0436

■ 5.6351, 7.5118,
13.4650

■ 26.8189, 22.3162,
15.2060

Harmonies

Analogous

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



10.7305, 11.9380, 13.1385



10.8353, 11.9380, 14.0451



11.0772, 11.9380, 14.6940

Triad

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



10.8353, 11.9380, 14.0451



11.9243, 11.9380, 13.7922



11.2981, 11.9380, 11.2822

Complementary

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



10.8353, 11.9380, 14.0451



10.7845, 10.7835, 10.7457

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.



11.6206, 11.9380, 11.4386



10.8353, 11.9380, 14.0451



11.9861, 11.9380, 12.8594

Square

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



10.8353, 11.9380, 14.0451



11.7065, 11.9380, 14.5431



11.8740, 11.9380, 12.0051



10.9944, 11.9380, 11.5672

Rectangle

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



10.8353, 11.9380, 14.0451



11.2858, 11.9380, 14.8771



11.8740, 11.9380, 12.0051



11.4079, 11.9380, 11.2850

Sweetspot

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



10.8356, 11.9385, 14.0454



20.3512, 21.7282, 24.2580



10.5217, 12.1196, 11.4466



4.9772, 5.3252, 5.9663



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.8356, 11.9385, 14.0454



18.1268, 20.1550, 24.0716



10.2486, 10.7644, 13.8497



2.8696, 3.1173, 3.5824



7.3652, 9.8022, 17.6482



37.8993, 50.0953, 91.8733

Inverse Universe

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



11.1089, 10.6472, 13.2746



18.6824, 17.5527, 22.4996



11.3525, 11.9196, 10.9350



2.9187, 2.8822, 3.4446



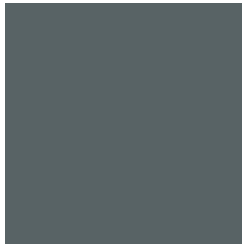
9.2003, 4.4931, 11.7190



47.7250, 23.3300, 59.7544

Previews

White Background



This preview shows how the XYZ color 10.8353, 11.9380, 14.0451 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 10.8353, 11.9380, 14.0451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

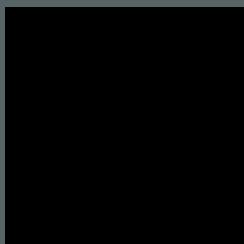
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

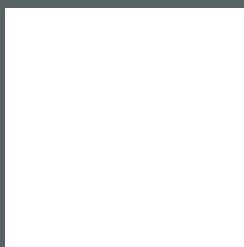
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.8353, 11.9380, 14.0451

Background



This preview shows how black text looks on a background with the XYZ color 10.8353, 11.9380, 14.0451.



This preview shows how white text looks on a background with the XYZ color 10.8353, 11.9380,

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

10.8353, 11.9380, 14.0451

Protanopia

11.4720, 11.8633, 13.4896

Deuteranopia

12.1099, 11.9078, 14.2305



Tritanopia

11.0890, 11.8998, 15.3481

Trichromacy



Original Color

10.8353, 11.9380, 14.0451

Protanomaly

11.1910, 11.8492, 13.7539

Deuteranomaly

11.6181, 11.9217, 14.2592

Tritanomaly

10.9862, 11.8587, 14.8066

Monochromacy



Original Color

10.8353, 11.9380, 14.0451

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.9935, 11.7584, 13.2454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8353, 11.9380, 14.0451 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(88, 99, 101) looks like.

```
.text, #text, p{  
    color:rgb(88, 99, 101)  
}
```

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(88, 99, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 99, 101) }
```

Border

The CSS property to change the border of an element to XYZ 10.8353, 11.9380, 14.0451 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(88, 99, 101) }
```


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

```
.border{ border-color:rgb(88, 99, 101) }
```

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

Here you see how a box with a 4 pixel rgb(88, 99, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 99, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 99, 101);  
box-shadow:4px 4px 4px 4px rgb(88, 99,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8353, 11.9380, 14.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 99, 101) }
```

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

```
.background{ background-color: rgb(88, 99,  
101) }
```

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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