

Converting Colors

XYZ(11.4180, 14.3976, 13.7325)

Have a look what the booklet for
XYZ(11.4180, 14.3976, 13.7325)
contains.

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Color

**XYZ(11.4180, 14.3976,
13.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	507162
RGB	80, 113, 98
RGB Percent	31%, 44%, 38%
CMY	0.6863, 0.5569, 0.6157
CMYK	0.29, 0.00, 0.13, 0.56
HSL	153°, 17%, 38%
HSV	153°, 29%, 44%
XYZ	11.4180, 14.3976, 13.7325
YIQ	101.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

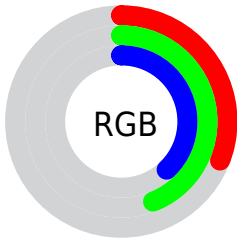
Format	Color
RYB	80, 101, 113
Decimal	5271906
CIELab	44.80, -15.35, 4.53
CIElCh	45, 16.003, 163.572
Yxy	14.3976, 0.2887, 0.3641
Android (android.graphics.Color)	4283461986 (0xFF507162)
YUV	101.4230, -1.6875, -18.7880
Hunter-Lab	37.9442, -12.6888, 5.1031

Details

The XYZ color **11.4180, 14.3976, 13.7325** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.7448, 10.0746, 12.1526**, and the grayscale version is **12.4864, 13.1367, 14.3058**.

A 20% lighter version of the original color is **28.0859, 33.8260, 33.4826**, and **3.1698, 4.3686, 3.9250** is the 20% darker color. If you saturate the color by 10%, you get **10.3082, 13.8530, 12.4550**, and if you desaturate by 10%, it is **12.7046, 15.0323, 15.1002**.

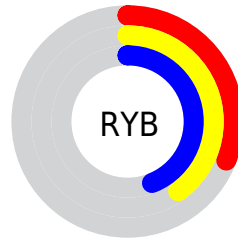
Distribution



Red (31%)

Green (44%)

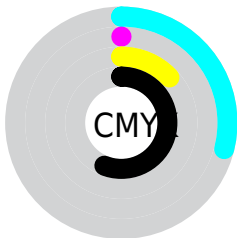
Blue (38%)



Red (31%)

Yellow (40%)

Blue (44%)

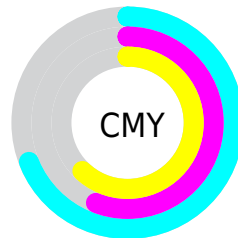


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4180, 14.3976, 13.7325 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 11.4180, 14.3976, 13.7325 by changing the saturation by 10% instead.

■ 11.4180, 14.3976,
13.7325

■ 11.4180, 14.3976,
13.7325

194.3629,
219.6905, 226.9306

■ 6.4181, 8.3977,
7.7982

■ 28.0567, 33.7929,
33.3239

■ 3.1440, 4.3505,
3.8802

■ 40.4262, 47.9570,
47.8181

■ 1.2304, 1.8715,
1.5599

■ 55.9830, 65.6114,
66.0027

■ 0.1301, 0.5311,
0.2619

■ 75.0924, 87.1404,
88.2962

■ 0.0000, 0.0000,
0.0000

■ 98.1197, 112.9284,
115.1173

125.4303,

143.3599, 146.8843

157.3896,
178.8191, 184.0159

■ 11.4180, 14.3976,
13.7325

■ 11.4180, 14.3976,
13.7325

■ 10.3082, 13.8530,
12.4550

■ 12.7046, 15.0323,
15.1002

■ 9.3658, 13.3926,
11.2648

■ 14.1747, 15.7594,
16.5589

■ 8.5822, 13.0122,
10.1603

■ 15.8359, 16.5832,
18.1107

■ 7.9474, 12.7069,
9.1393

■ 17.6950, 17.5071,
19.7574

■ 7.4504, 12.4710,
8.1997

■ 19.7587, 18.5345,
21.5005

■ 7.0784, 12.2978,
7.3393

■ 22.0330, 19.6685,
23.3419

■ 6.7874, 12.1649,
6.5540

■ 24.5240, 20.9123,
25.2829

■ 6.7649, 12.1546,
6.4946

■ 27.2374, 22.2687,
27.3253

■ 30.1786, 23.7405,
29.4703

Harmonies

Analogous

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



12.0283, 14.3976, 11.0290



11.4180, 14.3976, 13.7325



11.3894, 14.3976, 17.4225

Triad

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



11.4180, 14.3976, 13.7325



14.2813, 14.3976, 23.7426



15.5823, 14.3976, 11.2303

Complementary

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



11.4180, 14.3976, 13.7325



11.7448, 10.0746, 12.1526

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.



16.2689, 14.3976, 14.0513



11.4180, 14.3976, 13.7325



15.4862, 14.3976, 21.4748

Square

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



11.4180, 14.3976, 13.7325



12.9877, 14.3976, 23.6207



16.2327, 14.3976, 17.7959



14.4058, 14.3976, 9.7492

Rectangle

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



11.4180, 14.3976, 13.7325



11.7002, 14.3976, 19.9914



16.2327, 14.3976, 17.7959



15.8813, 14.3976, 12.0320

Sweetspot

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



11.4184, 14.3982, 13.7328



25.3711, 28.2138, 29.6405



12.1146, 14.8445, 9.8163



5.7933, 6.4881, 6.7832



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.4184, 14.3982, 13.7328



19.0738, 25.1072, 23.0323



12.0725, 14.4647, 17.7792



3.4140, 3.7908, 3.9866



7.6633, 13.7828, 7.3138



37.7349, 68.4826, 34.1188

Inverse Universe

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



11.7448, 10.0746, 12.1526



19.7598, 16.0249, 19.7148



11.2083, 9.9899, 8.9271



3.4417, 3.4244, 3.8526



8.4021, 4.2532, 3.9276



41.4304, 21.0175, 17.3306

Previews

White Background



This preview shows how the XYZ color 11.4180, 14.3976, 13.7325 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 11.4180, 14.3976, 13.7325 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 11.4180, 14.3976, 13.7325

Background



This preview shows how black text looks on a background with the XYZ color 11.4180, 14.3976, 13.7325.



This preview shows how white text looks on a background with the XYZ color 11.4180, 14.3976,

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

11.4180, 14.3976, 13.7325

Protanopia

13.5024, 14.2263, 12.6240

Deuteranopia

14.5228, 14.2744, 14.0464



Tritanopia

12.5619, 14.3686, 19.5641

Trichromacy



Original Color

11.4180, 14.3976, 13.7325

Protanomaly

12.5737, 14.2040, 12.9054

Deuteranomaly

13.1151, 14.1520, 13.8447

Tritanomaly

12.1210, 14.3556, 17.1710

Monochromacy



Original Color

11.4180, 14.3976, 13.7325

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.8660, 13.3504, 14.0081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4180, 14.3976, 13.7325 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(80, 113, 98) looks like.

```
.text, #text, p{  
    color:rgb(80, 113, 98)  
}
```

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(80, 113, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 113, 98) }
```

Border

The CSS property to change the border of an element to XYZ 11.4180, 14.3976, 13.7325 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(80, 113, 98) }
```


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

```
.border{ border-color:rgb(80, 113, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 113, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 113, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 113, 98);  
box-shadow:4px 4px 4px 4px rgb(80, 113,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4180, 14.3976, 13.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 113, 98) }
```

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

```
.background{ background-color: rgb(80, 113,  
98) }
```

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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