

Converting Colors

XYZ(13.0160, 14.7820, 17.5551)

Have a look what the booklet for
XYZ(13.0160, 14.7820, 17.5551)
contains.

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Color

**XYZ(13.0227, 14.8140,
17.5023)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6F70
RGB	92, 111, 112
RGB Percent	36%, 44%, 44%
CMY	0.6392, 0.5647, 0.5608
CMYK	0.18, 0.01, 0.00, 0.56
HSL	183°, 10%, 40%
HSV	183°, 18%, 44%
XYZ	13.0227, 14.8140, 17.5023
YIQ	105.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

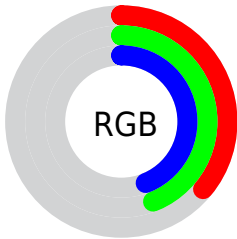
Format	Color
RYB	92, 102, 112
Decimal	6057840
CIELab	45.38, -6.80, -2.92
CIELCh	45, 7.398, 203.249
Yxy	14.8140, 0.2872, 0.3267
Android (android.graphics.Color)	4284247920 (0xFF5C6F70)
YUV	105.4330, 3.2375, -11.7807
Hunter-Lab	38.4890, -6.9604, -0.0190

Details

The XYZ color **13.0227, 14.8140, 17.5023** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5284, 12.0463, 11.7904**, and the grayscale version is **13.5388, 14.2439, 15.5116**.

A 20% lighter version of the original color is **31.1257, 34.7144, 40.1820**, and **3.8296, 4.5060, 5.5184** is the 20% darker color. If you saturate the color by 10%, you get **11.9248, 14.1581, 17.4338**, and if you desaturate by 10%, it is **14.2872, 15.5572, 17.5793**.

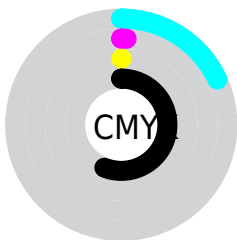
Distribution



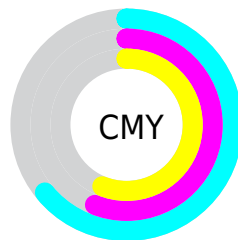
- Red (36%)
- Green (44%)
- Blue (44%)



- Red (36%)
- Yellow (40%)
- Blue (44%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0227, 14.8140, 17.5023 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 13.0227, 14.8140, 17.5023 by changing the saturation by 10% instead.

■ 13.0227, 14.8140,
17.5023

■ 13.0227, 14.8140,
17.5023

204.6978,
222.2376, 250.1918

■ 7.5213, 8.6890,
10.4275

■ 30.9455, 34.5266,
39.9898

■ 3.8394, 4.5389,
5.5740

■ 44.0977, 48.8828,
56.2397

■ 1.6117, 1.9793,
2.5233

■ 60.5307, 66.7517,
76.3849

■ 0.4000, 0.5954,
0.8525

■ 80.6101, 88.5174,
100.8442

■ 0.0000, 0.0000,
0.0000

104.7011,
114.5645, 130.0360

133.1692,

145.2773, 164.3788

166.3796,
181.0402, 204.2912

■ 13.0227, 14.8140,
17.5023

■ 13.0227, 14.8140,
17.5023

■ 11.9248, 14.1581,
17.4338

■ 14.2872, 15.5572,
17.5793

■ 10.9852, 13.5839,
17.3725

■ 15.7240, 16.3893,
17.6642

■ 10.1963, 13.0881,
17.3184

■ 17.3397, 17.3143,
17.7576

■ 9.5498, 12.6662,
17.2710

■ 19.1406, 18.3353,
17.8598

■ 9.0365, 12.3135,
17.2300

■ 21.1324, 19.4552,
17.9710

■ 8.6460, 12.0247,
17.1948

■ 23.3206, 20.6771,
18.0915

■ 8.3664, 11.7936,
17.1650

■ 25.7106, 22.0035,
18.2215

■ 8.1633, 11.6025,
17.1388

■ 28.3075, 23.4371,
18.3614

■ 8.1208, 11.5622,
17.1332

■ 31.1162, 24.9805,
18.5112

Harmonies

Analogous

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



12.9396, 14.8140, 15.7355



13.0227, 14.8140, 17.5023



13.3853, 14.8140, 18.9948

Triad

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



13.0227, 14.8140, 17.5023



15.0480, 14.8140, 18.2397



14.2196, 14.8140, 12.9986

Complementary

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



13.0227, 14.8140, 17.5023



12.5284, 12.0463, 11.7904

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.



14.7989, 14.8140, 13.5686



13.0227, 14.8140, 17.5023



15.2861, 14.8140, 16.5309

Square

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



13.0227, 14.8140, 17.5023



14.5516, 14.8140, 19.4418



15.1936, 14.8140, 14.8312



13.6192, 14.8140, 13.2173

Rectangle

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



13.0227, 14.8140, 17.5023



13.7426, 14.8140, 19.5906



15.1936, 14.8140, 14.8312



14.4234, 14.8140, 13.1028

Sweetspot

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



13.0231, 14.8146, 17.5026



25.7562, 27.7123, 30.9213



12.1692, 14.6484, 12.4650



6.1558, 6.6392, 7.4268



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.



13.0231, 14.8146, 17.5026



22.1322, 25.5820, 30.7011



12.0247, 12.8177, 17.1698



3.4614, 3.7880, 4.3029



9.3831, 13.3565, 19.8051



46.5501, 66.1521, 98.5943

Inverse Universe

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



13.3788, 12.2471, 16.6983



22.8705, 20.2818, 29.0251



13.4313, 13.8521, 12.0913



3.5076, 3.4507, 4.1995



10.7545, 5.1942, 16.3150



53.4763, 25.8359, 80.7635

Previews

White Background



This preview shows how the XYZ color 13.0227, 14.8140, 17.5023 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 13.0227, 14.8140, 17.5023 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 13.0227, 14.8140, 17.5023

Background



This preview shows how black text looks on a background with the XYZ color 13.0227, 14.8140, 17.5023.



This preview shows how white text looks on a background with the XYZ color 13.0227, 14.8140,

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

13.0227, 14.8140, 17.5023

Protanopia

14.2024, 14.8077, 16.5776

Deuteranopia

15.0012, 14.7377, 17.6768



Tritanopia

13.4199, 14.8109, 19.6043

Trichromacy



Original Color

13.0227, 14.8140, 17.5023

Protanomaly

13.6565, 14.6757, 16.8648

Deuteranomaly

14.3017, 14.8334, 17.7321

Tritanomaly

13.2425, 14.7400, 18.6701

Monochromacy



Original Color

13.0227, 14.8140, 17.5023

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2200, 14.3074, 16.2522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0227, 14.8140, 17.5023 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(92, 111, 112) looks like.

```
.text, #text, p{  
    color:rgb(92, 111, 112)  
}
```

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(92, 111, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 111, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.0227, 14.8140, 17.5023 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(92, 111, 112) }
```


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

```
.border{ border-color:rgb(92, 111, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 111, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 111, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 111, 112);  
box-shadow:4px 4px 4px 4px rgb(92, 111,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0227, 14.8140, 17.5023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 111, 112) }
```

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

```
.background{ background-color: rgb(92, 111,  
112) }
```

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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