

Converting Colors

XYZ(24.1372, 18.7177, 7.0370)

Have a look what the booklet for
XYZ(24.1372, 18.7177, 7.0370)
contains.

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Color

**XYZ(24.2280, 18.7320,
7.0413)**

Conversions

Conversions Part 1

Format	Color
Hex	B5613F
RGB	181, 97, 63
RGB Percent	71%, 38%, 25%
CMY	0.2902, 0.6196, 0.7529
CMYK	0.00, 0.46, 0.65, 0.29
HSL	17°, 48%, 48%
HSV	17°, 65%, 71%
XYZ	24.2280, 18.7320, 7.0413
YIQ	118.2400, 60.9780, 7.2340

Conversions

Conversions Part 2

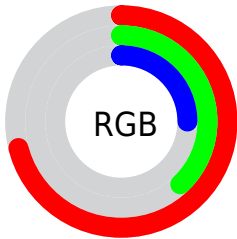
Format	Color
R_{YB}	181, 111, 63
Decimal	11886911
CIE _{Lab}	50.37, 30.94, 34.16
CIE _{LCh}	50, 46.087, 47.829
Yxy	18.7320, 0.4845, 0.3746
Android (android.graphics.Color)	4290076991 (0xFFB5613F)
YUV	118.2400, -27.2333, 55.0405
Hunter-Lab	43.2805, 24.1818, 20.6504

Details

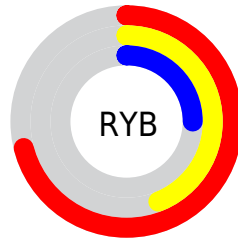
The XYZ color **24.2280, 18.7320, 7.0413** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **20.8235, 25.2591, 47.4940**, and the grayscale version is **17.3650, 18.2693, 19.8953**.

A 20% lighter version of the original color is **49.9477, 41.3655, 20.6810**, and **9.3345, 6.3685, 1.3095** is the 20% darker color. If you saturate the color by 10%, you get **22.7075, 16.3719, 4.4359**, and if you desaturate by 10%, it is **26.1090, 21.5473, 10.5874**.

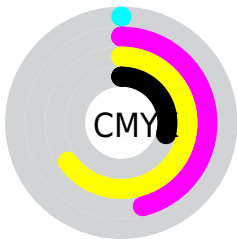
Distribution



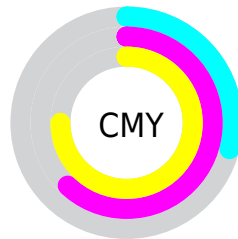
- Red (71%)
- Green (38%)
- Blue (25%)



- Red (71%)
- Yellow (44%)
- Blue (25%)



- Cyan (0%)
- Magenta (46%)
- Yellow (65%)
- Black (29%)





- Cyan (29%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2280, 18.7320, 7.0413 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 24.2280, 18.7320, 7.0413 by changing the saturation by 10% instead.


 24.2280, 18.7320,
7.0413


 24.2280, 18.7320,
7.0413


266.3903,
244.9652, 177.6504


 15.6285, 11.4768,
3.4091


 49.8540, 41.2807,
20.5705


 9.3508, 6.3885,
1.3071


 67.6112, 57.3431,
31.3046

 5.0296, 3.0827,
0.0676

 89.1516, 77.1099,
45.2431

 2.2996, 1.1751,
0.0000

 114.8407,
100.9656, 62.8046

 0.7945, 0.0412,
0.0000

 145.0437,
129.2946, 84.4075

 0.0000, 0.0000,
0.0000

 180.1261,

162.4813, 110.4704

220.4532,
200.9100, 141.4118

■ 24.2280, 18.7320,
7.0413

■ 24.2280, 18.7320,
7.0413

■ 22.7075, 16.3719,
4.4359

■ 26.1090, 21.5473,
10.5874

■ 21.5199, 14.4387,
2.6776

■ 28.3727, 24.8382,
15.1537

■ 20.6346, 12.9046,
1.6531

■ 31.0406, 28.6272,
20.8122

■ 20.2911, 12.2940,
1.3035

■ 34.1325, 32.9344,
27.6280

■ 37.6666, 37.7789,
35.6612

■ 41.6601, 43.1788,
44.9678

■ 46.1291, 49.1512,
55.5999

■ 51.0890, 55.7125,
67.6071

■ 56.5545, 62.8785,
81.0363

Harmonies

Analogous

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



27.3158, 18.7320, 13.7430



24.2280, 18.7320, 7.0413



19.6806, 18.7320, 4.5461

Triad

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



24.2280, 18.7320, 7.0413



10.6481, 18.7320, 15.6293



20.5708, 18.7320, 53.9985

Complementary

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



24.2280, 18.7320, 7.0413



20.8235, 25.2591, 47.4940

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.



16.0511, 18.7320, 55.2124



24.2280, 18.7320, 7.0413



10.8050, 18.7320, 28.9097

Square

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



24.2280, 18.7320, 7.0413



12.1581, 18.7320, 7.9222



12.6299, 18.7320, 44.6536



24.9731, 18.7320, 41.8156

Rectangle

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



24.2280, 18.7320, 7.0413



16.6576, 18.7320, 4.4280



12.6299, 18.7320, 44.6536



19.0022, 18.7320, 55.8445

Sweetspot

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



24.2284, 18.7330, 7.0416



64.1052, 63.0783, 56.1929



26.1447, 15.5033, 29.4520



13.4847, 13.1241, 11.3063



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.2284, 18.7330, 7.0416



39.7252, 27.8087, 6.4770



31.7469, 33.7699, 9.5478



8.6892, 8.8910, 8.9107



14.0409, 8.5804, 0.9161



0.4931, 0.3726, 0.0459

Inverse Universe

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



20.8235, 25.2591, 47.4940



33.0348, 40.0966, 84.2929



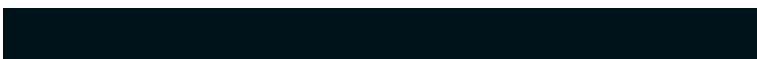
13.9269, 11.4660, 45.1951



8.5317, 9.2095, 10.8343



11.2088, 13.2179, 32.0975



0.3997, 0.5099, 1.0256

Previews

White Background



This preview shows how the XYZ color 24.2280, 18.7320, 7.0413 looks on a white background.

Color Contrast Check

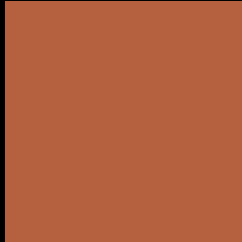
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.2280, 18.7320, 7.0413 looks on a black 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

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

XYZ 24.2280, 18.7320, 7.0413

Background



This preview shows how black text looks on a background with the XYZ color 24.2280, 18.7320, 7.0413.



This preview shows how white text looks on a background with the XYZ color 24.2280, 18.7320,

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

24.2280, 18.7320, 7.0413

Protanopia

17.3695, 18.7934, 8.6733

Deuteranopia

19.1329, 18.8731, 6.7721



Tritanopia

25.6949, 18.7968, 14.0783

Trichromacy



Original Color

24.2280, 18.7320, 7.0413

Protanomaly

19.4152, 18.4897, 8.0144

Deuteranomaly

20.6754, 18.5250, 6.7609

Tritanomaly

24.9738, 18.6224, 11.0823

Monochromacy



Original Color

24.2280, 18.7320, 7.0413

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.7650, 17.6964, 13.9820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2280, 18.7320, 7.0413 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(181, 97, 63)` looks like.

```
.text, #text, p{  
  color:rgb(181, 97, 63)  
}
```

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(181, 97, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 97, 63) }
```

Border

The CSS property to change the border of an element to XYZ 24.2280, 18.7320, 7.0413 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(181, 97, 63) }
```


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

```
.border{ border-color:rgb(181, 97, 63) }
```

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

Here you see how a box with a 4 pixel rgb(181, 97, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 97, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 97, 63);  
box-shadow:4px 4px 4px 4px rgb(181, 97,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2280, 18.7320, 7.0413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 97, 63) }
```

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

```
.background{ background-color: rgb(181, 97,  
63) }
```

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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