

Converting Colors

XYZ(24.7532, 18.9149, 6.9951)

Have a look what the booklet for
XYZ(24.7532, 18.9149, 6.9951)
contains.

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Color

**XYZ(24.8472, 18.9150,
7.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	B8603F
RGB	184, 96, 63
RGB Percent	72%, 38%, 25%
CMY	0.2784, 0.6235, 0.7529
CMYK	0.00, 0.48, 0.66, 0.28
HSL	16°, 49%, 48%
HSV	16°, 66%, 72%
XYZ	24.8472, 18.9150, 7.0440
YIQ	118.5500, 63.0410, 8.3930

Conversions

Conversions Part 2

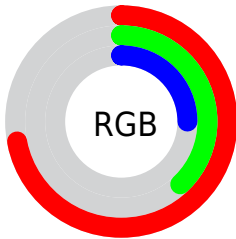
Format	Color
RYB	184, 108, 63
Decimal	12083263
CIELab	50.59, 32.69, 34.52
CIElCh	51, 47.541, 46.559
Yxy	18.9150, 0.4891, 0.3723
Android (android.graphics.Color)	4290273343 (0xFFB8603F)
YUV	118.5500, -27.3861, 57.3997
Hunter-Lab	43.4914, 25.8695, 20.8412

Details

The XYZ color **24.8472, 18.9150, 7.0440** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **21.7673, 26.6488, 49.3434**, and the grayscale version is **17.4628, 18.3722, 20.0073**.

A 20% lighter version of the original color is **50.8228, 41.5828, 20.6769**, and **9.7299, 6.5123, 1.3164** is the 20% darker color. If you saturate the color by 10%, you get **23.2976, 16.5060, 4.4006**, and if you desaturate by 10%, it is **26.7773, 21.8104, 10.6622**.

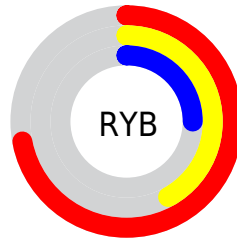
Distribution



Red (72%)

Green (38%)

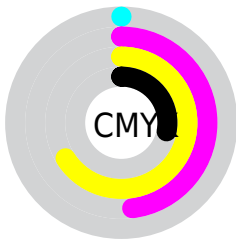
Blue (25%)



Red (72%)

Yellow (42%)

Blue (25%)

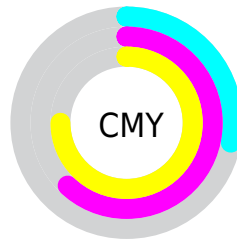


Cyan (0%)

Magenta (48%)

Yellow (66%)

Black (28%)



Cyan (28%)

Magenta (62%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8472, 18.9150, 7.0440 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 24.8472, 18.9150, 7.0440 by changing the saturation by 10% instead.

■ 24.8472, 18.9150,
7.0440

■ 24.8472, 18.9150,
7.0440

269.4378,
245.9791, 177.6736

■ 16.0914, 11.6089,
3.4108

■ 50.8539, 41.5904,
20.5760

■ 9.6801, 6.4779,
1.3080

■ 68.8355, 57.7285,
31.3119

■ 5.2480, 3.1378,
0.0683

■ 90.6231, 77.5794,
45.2525

■ 2.4297, 1.2041,
0.0000

■ 116.5820,
101.5274, 62.8162

■ 0.8600, 0.0651,
0.0000

■ 147.0775,
129.9570, 84.4216

■ 0.0000, 0.0000,
0.0000

■ 182.4751,

163.2525, 110.4873

223.1401,
201.7985, 141.4318

■ 24.8472, 18.9150,
7.0440

■ 24.8472, 18.9150,
7.0440

■ 23.2976, 16.5060,
4.4006

■ 26.7773, 21.8104,
10.6622

■ 22.0989, 14.5521,
2.6332

■ 29.1118, 25.2149,
15.3388

■ 21.2173, 13.0225,
1.6193

■ 31.8741, 29.1533,
21.1494

■ 20.9157, 12.4877,
1.3080

■ 35.0852, 33.6479,
28.1626

■ 38.7648, 38.7195,
36.4412

■ 42.9312, 44.3881,
46.0438

■ 47.6019, 50.6724,
57.0253

■ 52.7934, 57.5906,
69.4374

■ 58.5214, 65.1597,
83.3293

Harmonies

Analogous

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



27.9728, 18.9150, 14.1302



24.8472, 18.9150, 7.0440



20.1357, 18.9150, 4.3876

Triad

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



24.8472, 18.9150, 7.0440



10.6139, 18.9150, 15.2020



20.6463, 18.9150, 56.1415

Complementary

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



24.8472, 18.9150, 7.0440



21.7673, 26.6488, 49.3434

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.



15.9805, 18.9150, 56.8474



24.8472, 18.9150, 7.0440



10.7026, 18.9150, 28.7813

Square

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



24.8472, 18.9150, 7.0440



12.2405, 18.9150, 7.5364



12.5084, 18.9150, 45.3173



25.2760, 18.9150, 43.6726

Rectangle

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



24.8472, 18.9150, 7.0440



16.9769, 18.9150, 4.2001



12.5084, 18.9150, 45.3173



19.0180, 18.9150, 57.9034

Sweetspot

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



24.8476, 18.9160, 7.0443



67.1135, 65.8525, 58.9034



27.1902, 16.0037, 31.2472



14.0724, 13.6500, 11.8100



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.8476, 18.9160, 7.0443



41.1668, 28.2068, 6.3306



32.5135, 34.2477, 9.5996



9.1987, 9.4003, 9.4365



14.4667, 8.7097, 0.9187



0.5633, 0.4137, 0.0502

Inverse Universe

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



21.7673, 26.6488, 49.3434



35.0090, 42.9467, 88.6490



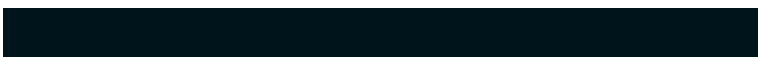
14.4627, 12.0397, 46.9086



9.0539, 9.7851, 11.4910



11.8813, 14.2222, 33.3720



0.4674, 0.5986, 1.1926

Previews

White Background



This preview shows how the XYZ color 24.8472, 18.9150, 7.0440 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 24.8472, 18.9150, 7.0440 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 24.8472, 18.9150, 7.0440

Background



This preview shows how black text looks on a background with the XYZ color 24.8472, 18.9150, 7.0440.



This preview shows how white text looks on a background with the XYZ color 24.8472, 18.9150,

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

24.8472, 18.9150, 7.0440

Protanopia

17.5228, 19.0482, 8.8840

Deuteranopia

19.3146, 18.9668, 6.7806



Tritanopia

26.2815, 18.9752, 13.8327

Trichromacy



Original Color

24.8472, 18.9150, 7.0440

Protanomaly

19.6308, 18.5973, 8.1852

Deuteranomaly

21.0785, 18.7328, 6.7798

Tritanomaly

25.5616, 18.7989, 10.8756

Monochromacy



Original Color

24.8472, 18.9150, 7.0440

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.2643, 18.1094, 14.2845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8472, 18.9150, 7.0440 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(184, 96, 63)` looks like.

```
.text, #text, p{  
    color:rgb(184, 96, 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(184, 96, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 96, 63) }
```

Border

The CSS property to change the border of an element to XYZ 24.8472, 18.9150, 7.0440 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(184, 96, 63) }
```


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

```
.border{ border-color:rgb(184, 96, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 96, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 96, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 96, 63);  
box-shadow:4px 4px 4px 4px rgb(184, 96,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8472, 18.9150, 7.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 96, 63) }
```

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

```
.background{ background-color: rgb(184, 96,  
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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