

Converting Colors

XYZ(19.0832, 24.7775, 7.9144)

Have a look what the booklet for
XYZ(19.0832, 24.7775, 7.9144)
contains.

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Color

**XYZ(19.0832, 24.7775,
7.9144)**

Conversions

Conversions Part 1

Format	Color
Hex	7B913B
RGB	123, 145, 59
RGB Percent	48%, 57%, 23%
CMY	0.5176, 0.4314, 0.7686
CMYK	0.15, 0.00, 0.59, 0.43
HSL	75°, 42%, 40%
HSV	75°, 59%, 57%
XYZ	19.0832, 24.7775, 7.9144
YIQ	128.6180, 14.4940, -31.4100

Conversions

Conversions Part 2

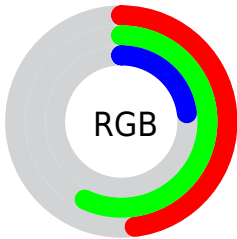
Format	Color
RYB	59, 145, 81
Decimal	8098107
CIELab	56.86, -21.26, 42.15
CIELCh	57, 47.210, 116.770
Yxy	24.7775, 0.3686, 0.4786
Android (android.graphics.Color)	4286288187 (0xFF7B913B)
YUV	128.6180, -34.3217, -4.9270
Hunter-Lab	49.7770, -18.6775, 25.4170

Details

The XYZ color **19.0832, 24.7775, 7.9144** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.0690, 6.9222, 27.5949**, and the grayscale version is **20.8458, 21.9314, 23.8833**.

A 20% lighter version of the original color is **41.3694, 51.3197, 22.4772**, and **6.7127, 9.5328, 1.6011** is the 20% darker color. If you saturate the color by 10%, you get **18.2377, 24.3800, 6.1772**, and if you desaturate by 10%, it is **20.0545, 25.2294, 10.2038**.

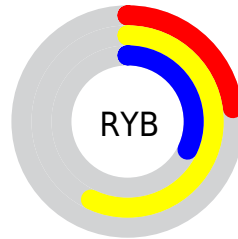
Distribution



Red (48%)

Green (57%)

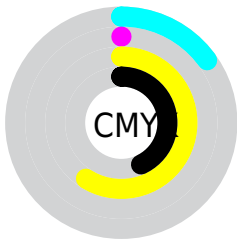
Blue (23%)



Red (23%)

Yellow (57%)

Blue (32%)

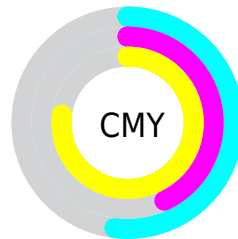


Cyan (15%)

Magenta (0%)

Yellow (59%)

Black (43%)



Cyan (52%)

Magenta (43%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0832, 24.7775, 7.9144 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 19.0832, 24.7775, 7.9144 by changing the saturation by 10% instead.

■ 19.0832, 24.7775,
7.9144

■ 19.0832, 24.7775,
7.9144

239.8370,
276.7281, 184.9685

■ 11.8348, 15.9114,
3.9532

■ 41.3904, 51.2960,
22.3339

■ 6.7027, 9.4615,
1.5997

■ 57.1799, 69.7172,
33.6292

■ 3.3215, 5.0434,
0.2906

■ 76.5472, 92.0922,
48.2064

■ 1.3260, 2.2727,
0.0000

■ 99.8575, 118.8054,
66.4840

■ 0.2025, 0.7592,
0.0000

■ 127.4763,
150.2412, 88.8804

■ 0.0000, 0.0000,
0.0000

■ 159.7689,

186.7840, 115.8143

197.1007,
228.8181, 147.7041

■ 19.0832, 24.7775,
7.9144

■ 19.0832, 24.7775,
7.9144

■ 18.2377, 24.3800,
6.1772

■ 20.0545, 25.2294,
10.2038

■ 17.5071, 24.0299,
4.9439

■ 21.1580, 25.7356,
13.0855

■ 16.8814, 23.7240,
4.1604

■ 22.4015, 26.3002,
16.5974

■ 16.3353, 23.4523,
3.6945

■ 23.7918, 26.9259,
20.7740

■ 16.2986, 23.4340,
3.6642

■ 25.3351, 27.6153,
25.6473

■ 27.0374, 28.3707,
31.2470

■ 28.9042, 29.1943,
37.6014

■ 30.9408, 30.0884,
44.7370

■ 33.1520, 31.0548,
52.6792

Harmonies

Analogous

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



24.1539, 24.7775, 6.5795



19.0832, 24.7775, 7.9144



15.7365, 24.7775, 13.5069

Triad

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



19.0832, 24.7775, 7.9144



18.1963, 24.7775, 61.2583



35.8254, 24.7775, 28.7291

Complementary

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



19.0832, 24.7775, 7.9144



10.0690, 6.9222, 27.5949

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.



33.5983, 24.7775, 47.3161



19.0832, 24.7775, 7.9144



22.9568, 24.7775, 70.1679

Square

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



19.0832, 24.7775, 7.9144



15.2835, 24.7775, 43.1284



28.6651, 24.7775, 64.2675



34.3625, 24.7775, 15.4666

Rectangle

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



19.0832, 24.7775, 7.9144



14.6505, 24.7775, 20.5985



28.6651, 24.7775, 64.2675



35.4760, 24.7775, 34.5560

Sweetspot

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



19.0838, 24.7786, 7.9149



42.8519, 48.3284, 37.9631



15.3728, 12.1471, 5.6724



9.3799, 10.6825, 7.9745



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.0838, 24.7786, 7.9149



32.2229, 43.4509, 10.2683



14.2663, 22.2951, 7.6895



5.7067, 6.2169, 5.7886



14.0039, 20.1119, 3.1439



0.1543, 0.2028, 0.0310

Inverse Universe

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



10.0690, 6.9222, 27.5949



14.6258, 8.4911, 48.8416



14.9158, 9.4208, 27.8217



5.2509, 5.3175, 6.7784



5.0627, 2.1035, 23.1163



0.0664, 0.0294, 0.2219

Previews

White Background



This preview shows how the XYZ color 19.0832, 24.7775, 7.9144 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 19.0832, 24.7775, 7.9144 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 19.0832, 24.7775, 7.9144

Background



This preview shows how black text looks on a background with the XYZ color 19.0832, 24.7775, 7.9144.



This preview shows how white text looks on a background with the XYZ color 19.0832, 24.7775,

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

19.0832, 24.7775, 7.9144

Protanopia

22.4669, 24.5692, 7.2996

Deuteranopia

25.0283, 24.6490, 8.1412



Tritanopia

23.7435, 24.7014, 31.1202

Trichromacy



Original Color

19.0832, 24.7775, 7.9144

Protanomaly

20.9556, 24.4234, 7.4806

Deuteranomaly

22.4824, 24.3511, 8.0727

Tritanomaly

21.3804, 24.3702, 19.7967

Monochromacy



Original Color

19.0832, 24.7775, 7.9144

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.9151, 22.8394, 16.4555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0832, 24.7775, 7.9144 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(123, 145, 59)` looks like.

```
.text, #text, p{  
    color:rgb(123, 145, 59)  
}
```

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(123, 145, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 145, 59) }
```

Border

The CSS property to change the border of an element to XYZ 19.0832, 24.7775, 7.9144 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(123, 145, 59) }
```


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

```
.border{ border-color:rgb(123, 145, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 145, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 145, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 145, 59);  
box-shadow:4px 4px 4px 4px rgb(123, 145,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0832, 24.7775, 7.9144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 145, 59) }
```

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

```
.background{ background-color: rgb(123,  
145, 59) }
```

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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