

Converting Colors

XYZ(19.9585, 26.7160, 7.7126)

Have a look what the booklet for
XYZ(19.9585, 26.7160, 7.7126)
contains.

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Color

**XYZ(19.9246, 26.6200,
7.7025)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9737
RGB	123, 151, 55
RGB Percent	48%, 59%, 22%
CMY	0.5176, 0.4078, 0.7843
CMYK	0.19, 0.00, 0.64, 0.41
HSL	78°, 47%, 40%
HSV	78°, 64%, 59%
XYZ	19.9246, 26.6200, 7.7025
YIQ	131.6840, 14.1280, -35.7920

Conversions

Conversions Part 2

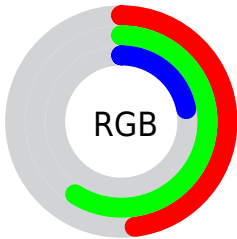
Format	Color
RYB	55, 151, 83
Decimal	8099639
CIELab	58.62, -24.62, 45.94
CIELCh	59, 52.123, 118.188
Yxy	26.6200, 0.3673, 0.4907
Android (android.graphics.Color)	4286289719 (0xFF7B9737)
YUV	131.6840, -37.8052, -7.6159
Hunter-Lab	51.5946, -21.3580, 27.2649

Details

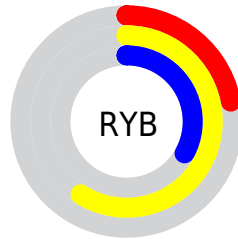
The XYZ color **19.9246, 26.6200, 7.7025** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **10.5204, 6.8065, 30.0390**, and the grayscale version is **21.9472, 23.0901, 25.1451**.

A 20% lighter version of the original color is **42.7929, 54.1682, 21.8358**, and **7.1557, 10.4539, 1.6407** is the 20% darker color. If you saturate the color by 10%, you get **19.0008, 26.1803, 6.0507**, and if you desaturate by 10%, it is **20.9888, 27.1210, 9.9402**.

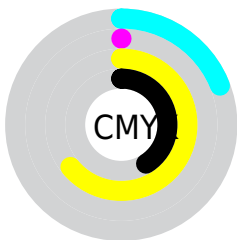
Distribution



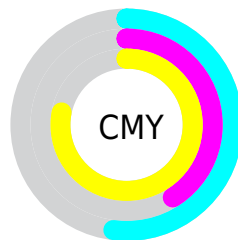
- Red (48%)
- Green (59%)
- Blue (22%)



- Red (22%)
- Yellow (59%)
- Blue (33%)



- Cyan (19%)
- Magenta (0%)
- Yellow (64%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9246, 26.6200, 7.7025 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 19.9246, 26.6200, 7.7025 by changing the saturation by 10% instead.

■ 19.9246, 26.6200,
7.7025

■ 19.9246, 26.6200,
7.7025

244.3480,
285.8125, 183.2262

■ 12.4482, 17.2880,
3.8201

■ 42.7956, 54.2735,
21.9096

■ 7.1241, 10.4401,
1.5272

■ 58.9210, 73.3638,
33.0714

■ 3.5868, 5.6917,
0.2381

■ 78.6600, 96.4757,
47.4968

■ 1.4712, 2.6585,
0.0000

■ 102.3781,
123.9935, 65.6043

■ 0.3061, 0.9562,
0.0000

■ 130.4406,
156.3017, 87.8124

■ 0.0000, 0.0000,
0.0000

■ 163.2128,

193.7847, 114.5398

201.0602,
236.8268, 146.2048

■ 19.9246, 26.6200,
7.7025

■ 19.9246, 26.6200,
7.7025

■ 19.0008, 26.1803,
6.0507

■ 20.9888, 27.1210,
9.9402

■ 18.2047, 25.7939,
4.9278

■ 22.2010, 27.6837,
12.8102

■ 17.5241, 25.4569,
4.2687

■ 23.5704, 28.3126,
16.3565

■ 17.1252, 25.2574,
3.9726

■ 25.1049, 29.0109,
20.6185

■ 26.8117, 29.7816,
25.6325

■ 28.6977, 30.6274,
31.4326

■ 30.7691, 31.5509,
38.0505

■ 33.0320, 32.5546,
45.5165

■ 35.4922, 33.6408,
53.8589

Harmonies

Analogous

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



25.6925, 26.6200, 6.1077



19.9246, 26.6200, 7.7025



16.2221, 26.6200, 14.0983

Triad

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



19.9246, 26.6200, 7.7025



19.3556, 26.6200, 70.4094



39.6947, 26.6200, 30.1129

Complementary

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



19.9246, 26.6200, 7.7025



10.5204, 6.8065, 30.0390

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.



37.2598, 26.6200, 51.8025



19.9246, 26.6200, 7.7025



24.9145, 26.6200, 80.3768

Square

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



19.9246, 26.6200, 7.7025



15.9346, 26.6200, 49.0126



31.5680, 26.6200, 72.4416



37.7655, 26.6200, 15.3256

Rectangle

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



19.9246, 26.6200, 7.7025



15.0703, 26.6200, 22.3550



31.5680, 26.6200, 72.4416



39.3523, 26.6200, 36.8104

Sweetspot

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



19.9252, 26.6212, 7.7031



46.2013, 52.5152, 40.5221



16.4855, 12.9208, 5.2399



10.3210, 11.8546, 8.6872



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.9252, 26.6212, 7.7031



33.4375, 46.5990, 9.9346



14.7217, 23.9387, 7.4595



6.5333, 7.1324, 6.6382



14.5973, 21.5011, 3.3808



0.2538, 0.3398, 0.0522

Inverse Universe

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



10.5204, 6.8065, 30.0390



15.3055, 8.2510, 53.2196



16.1897, 9.7291, 30.3043



6.0454, 6.1093, 7.7896



5.6630, 2.3704, 25.0668



0.1176, 0.0524, 0.3763

Previews

White Background



This preview shows how the XYZ color 19.9246, 26.6200, 7.7025 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 19.9246, 26.6200, 7.7025 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 19.9246, 26.6200, 7.7025

Background



This preview shows how black text looks on a background with the XYZ color 19.9246, 26.6200, 7.7025.



This preview shows how white text looks on a background with the XYZ color 19.9246, 26.6200,

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

19.9246, 26.6200, 7.7025

Protanopia

24.0493, 26.4658, 7.0897

Deuteranopia

26.7963, 26.3751, 7.9536



Tritanopia

25.1062, 26.4180, 33.9129

Trichromacy



Original Color

19.9246, 26.6200, 7.7025

Protanomaly

22.4451, 26.5276, 7.3055

Deuteranomaly

23.6594, 26.0302, 7.7803

Tritanomaly

22.5422, 26.2810, 20.7143

Monochromacy



Original Color

19.9246, 26.6200, 7.7025

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.7846, 24.1318, 16.6592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9246, 26.6200, 7.7025 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, 151, 55)` looks like.

```
.text, #text, p{  
    color:rgb(123, 151, 55)  
}
```

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, 151, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 151, 55) }
```

Border

The CSS property to change the border of an element to XYZ 19.9246, 26.6200, 7.7025 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, 151, 55) }
```


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

```
.border{ border-color:rgb(123, 151, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 151, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 151, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 151, 55);  
box-shadow:4px 4px 4px 4px rgb(123, 151,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9246, 26.6200, 7.7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 151, 55) }
```

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

```
.background{ background-color: rgb(123,  
151, 55) }
```

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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