

Converting Colors

XYZ(19.6982, 26.4026, 12.2416)

Have a look what the booklet for
XYZ(19.6982, 26.4026, 12.2416)
contains.

XYZ(19.6982, 26.4026, 12.2416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.6982, 26.4026,
12.2416)**

Conversions

Conversions Part 1

Format	Color
Hex	739753
RGB	115, 151, 83
RGB Percent	45%, 59%, 33%
CMY	0.5490, 0.4078, 0.6745
CMYK	0.24, 0.00, 0.45, 0.41
HSL	92°, 29%, 46%
HSV	92°, 45%, 59%
XYZ	19.6982, 26.4026, 12.2416
YIQ	132.4840, 0.3720, -28.7800

Conversions

Conversions Part 2

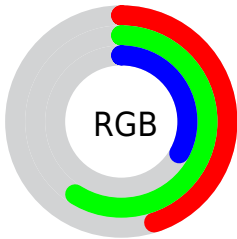
Format	Color
RYB	83, 151, 119
Decimal	7575379
CIELab	58.42, -24.87, 31.78
CIElCh	58, 40.354, 128.051
Yxy	26.4026, 0.3376, 0.4525
Android (android.graphics.Color)	4285765459 (0xFF739753)
YUV	132.4840, -24.3956, -15.3335
Hunter-Lab	51.3835, -21.4919, 21.8432

Details

The XYZ color **19.6982, 26.4026, 12.2416** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.2880, 12.3435, 30.8037**, and the grayscale version is **22.1931, 23.3489, 25.4269**.

A 20% lighter version of the original color is **42.2828, 53.7087, 30.6925**, and **7.0405, 10.3595, 3.2186** is the 20% darker color. If you saturate the color by 10%, you get **18.1716, 25.6766, 9.4514**, and if you desaturate by 10%, it is **21.4443, 27.2287, 15.7060**.

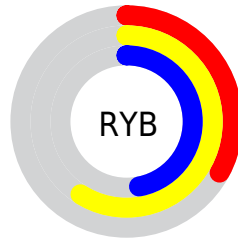
Distribution



Red (45%)

Green (59%)

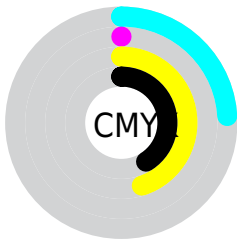
Blue (33%)



Red (33%)

Yellow (59%)

Blue (47%)

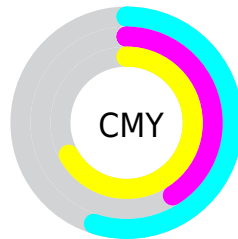


Cyan (24%)

Magenta (0%)

Yellow (45%)

Black (41%)



Cyan (55%)

Magenta (41%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6982, 26.4026, 12.2416 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 19.6982, 26.4026, 12.2416 by changing the saturation by 10% instead.

■ 19.6982, 26.4026,
12.2416

■ 19.6982, 26.4026,
12.2416

243.1414,
284.7529, 217.0326

■ 12.2828, 17.1251,
6.7839

■ 42.4184, 53.9237,
30.6053

■ 7.0102, 10.3237,
3.2509

■ 58.4540, 72.9361,
44.3484

■ 3.5149, 5.6141,
1.2241

■ 78.0937, 95.9623,
61.6904

■ 1.4315, 2.6119,
0.0000

■ 101.7029,
123.3865, 83.0499

■ 0.2785, 0.9326,
0.0000

■ 129.6469,
155.5933, 108.8452

■ 0.0000, 0.0000,
0.0000

162.2911,

192.9670, 139.4951

200.0008,
235.8921, 175.4181

■ 19.6982, 26.4026,
12.2416

■ 19.6982, 26.4026,
12.2416

■ 18.1716, 25.6766,
9.4514

■ 21.4443, 27.2287,
15.7060

■ 16.8520, 25.0428,
7.2898

■ 23.4177, 28.1556,
19.8830

■ 15.7282, 24.4973,
5.7080


■ 25.6283, 29.1885,
24.8099


■ 14.7870, 24.0346,
4.6496

■ 28.0846, 30.3309,
30.5212

■ 14.0120, 23.6477,
4.0413


■ 30.7948, 31.5863,
37.0492

 13.6698, 23.4760,
3.8109

 33.7665, 32.9582,
44.4241

 37.0071, 34.4495,
52.6749

 40.5237, 36.0634,
61.8290

 44.3229, 37.8027,
71.9128

Harmonies

Analogous

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



23.7917, 26.4026, 9.3861



19.6982, 26.4026, 12.2416



17.2954, 26.4026, 19.7544

Triad

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



19.6982, 26.4026, 12.2416



21.7186, 26.4026, 61.9592



35.6893, 26.4026, 25.1140

Complementary

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



19.6982, 26.4026, 12.2416



16.2880, 12.3435, 30.8037

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.



34.9444, 26.4026, 40.1253



19.6982, 26.4026, 12.2416



26.4448, 26.4026, 64.8371

Square

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



19.6982, 26.4026, 12.2416



18.3511, 26.4026, 48.9168



31.3969, 26.4026, 55.8344



33.3163, 26.4026, 15.0609

Rectangle

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



19.6982, 26.4026, 12.2416



16.7695, 26.4026, 27.8352



31.3969, 26.4026, 55.8344



35.8006, 26.4026, 29.6804

Sweetspot

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



19.6989, 26.4038, 12.2422



46.2106, 52.4176, 45.1498



20.8190, 20.1931, 10.9844



10.3135, 11.8255, 9.8305



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.



19.6989, 26.4038, 12.2422



32.5294, 45.9756, 16.9044



16.2401, 24.6156, 12.3106



6.3947, 7.0609, 6.6317



11.6611, 19.9874, 3.2434



0.2158, 0.3202, 0.0504

Inverse Universe

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



16.2880, 12.3435, 30.8037



25.6225, 17.5211, 54.4651



21.3511, 14.9643, 30.5624



6.1810, 6.1792, 7.7959



7.5958, 3.3668, 25.1572



0.1555, 0.0720, 0.3781

Previews

White Background



This preview shows how the XYZ color 19.6982, 26.4026, 12.2416 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 19.6982, 26.4026, 12.2416 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 19.6982, 26.4026, 12.2416

Background



This preview shows how black text looks on a background with the XYZ color 19.6982, 26.4026, 12.2416.



This preview shows how white text looks on a background with the XYZ color 19.6982, 26.4026,

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

19.6982, 26.4026, 12.2416

Protanopia

24.1158, 26.1907, 11.1814

Deuteranopia

26.6076, 26.1733, 12.6664



Tritanopia

24.1126, 26.3380, 34.3847

Trichromacy



Original Color

19.6982, 26.4026, 12.2416

Protanomaly

22.2364, 26.1012, 11.4555

Deuteranomaly

23.4522, 25.8176, 12.5513

Tritanomaly

22.0603, 26.1812, 24.3129

Monochromacy



Original Color

19.6982, 26.4026, 12.2416

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.8741, 24.1158, 19.4742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6982, 26.4026, 12.2416 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(115, 151, 83)` looks like.

```
.text, #text, p{  
    color:rgb(115, 151, 83)  
}
```

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(115, 151, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 151, 83) }
```

Border

The CSS property to change the border of an element to XYZ 19.6982, 26.4026, 12.2416 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(115, 151, 83) }
```


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

```
.border{ border-color:rgb(115, 151, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 151, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 151, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 151, 83);  
box-shadow:4px 4px 4px 4px rgb(115, 151,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6982, 26.4026, 12.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 151, 83) }
```

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

```
.background{ background-color: rgb(115,  
151, 83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor