

Converting Colors

XYZ(19.6342, 26.0348, 11.7206)

Have a look what the booklet for
XYZ(19.6342, 26.0348, 11.7206)
contains.

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Color

**XYZ(19.7277, 26.1887,
11.7997)**

Conversions

Conversions Part 1

Format	Color
Hex	759651
RGB	117, 150, 81
RGB Percent	46%, 59%, 32%
CMY	0.5412, 0.4118, 0.6823
CMYK	0.22, 0.00, 0.46, 0.41
HSL	89°, 30%, 45%
HSV	89°, 46%, 59%
XYZ	19.7277, 26.1887, 11.7997
YIQ	132.2670, 2.4810, -28.4550

Conversions

Conversions Part 2

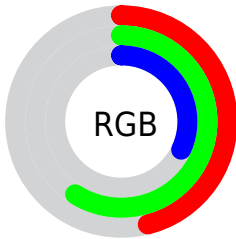
Format	Color
RYB	81, 150, 114
Decimal	7706193
CIELab	58.22, -23.86, 32.61
CIElCh	58, 40.401, 126.192
Yxy	26.1887, 0.3418, 0.4538
Android (android.graphics.Color)	4285896273 (0xFF759651)
YUV	132.2670, -25.2746, -13.3892
Hunter-Lab	51.1749, -20.7451, 22.1516

Details

The XYZ color **19.7277, 26.1887, 11.7997** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.3879, 11.6650, 30.2962**, and the grayscale version is **22.1170, 23.2688, 25.3397**.

A 20% lighter version of the original color is **42.3353, 53.3977, 29.9053**, and **7.0511, 10.2268, 3.0412** is the 20% darker color. If you saturate the color by 10%, you get **18.2991, 25.5110, 9.1141**, and if you desaturate by 10%, it is **21.3558, 26.9565, 15.1444**.

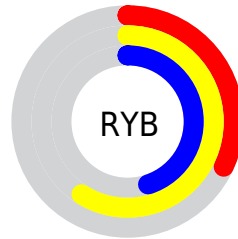
Distribution



Red (46%)

Green (59%)

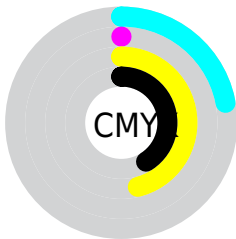
Blue (32%)



Red (32%)

Yellow (59%)

Blue (45%)

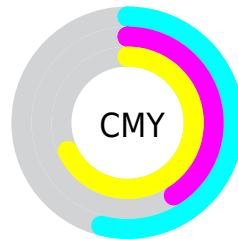


Cyan (22%)

Magenta (0%)

Yellow (46%)

Black (41%)



Cyan (54%)

Magenta (41%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7277, 26.1887, 11.7997 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 19.7277, 26.1887, 11.7997 by changing the saturation by 10% instead.

■ 19.7277, 26.1887,
11.7997

■ 19.7277, 26.1887,
11.7997

243.2989,
283.7072, 214.0053

■ 12.3044, 16.9649,
6.4866

■ 42.4676, 53.5792,
29.7887

■ 7.0250, 10.2094,
3.0696

■ 58.5149, 72.5147,
43.3016

■ 3.5242, 5.5380,
1.1303

■ 78.1676, 95.4561,
60.3849

■ 1.4367, 2.5663,
0.0000

■ 101.7910,
122.7880, 81.4571

■ 0.2821, 0.9097,
0.0000

■ 129.7505,
154.8946, 106.9366

■ 0.0000, 0.0000,
0.0000

162.4114,

192.1604, 137.2422

200.1391,
234.9698, 172.7922

■ 19.7277, 26.1887,
11.7997

■ 19.7277, 26.1887,
11.7997

■ 18.2991, 25.5110,
9.1141

■ 21.3558, 26.9565,
15.1444

■ 17.0581, 24.9158,
7.0423

■ 23.1906, 27.8148,
19.1861

■ 15.9943, 24.3997,
5.5357


■ 25.2411, 28.7683,
23.9621


■ 15.0954, 23.9574,
4.5381


■ 27.5154, 29.8204,
29.5062


■ 14.3441, 23.5819,
3.9681


■ 30.0209, 30.9742,
35.8504

 14.0700, 23.4444,
3.7837

 32.7647, 32.2327,
43.0246

 35.7536, 33.5989,
51.0575

 38.9942, 35.0754,
59.9761

 42.4925, 36.6649,
69.8064

Harmonies

Analogous

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



23.8882, 26.1887, 9.2098



19.7277, 26.1887, 11.7997



17.2218, 26.1887, 18.9425

Triad

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



19.7277, 26.1887, 11.7997



21.2753, 26.1887, 61.0515



35.4940, 26.1887, 25.7001

Complementary

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



19.7277, 26.1887, 11.7997



15.3879, 11.6650, 30.2962

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.



34.5553, 26.1887, 40.8670



19.7277, 26.1887, 11.7997



25.9226, 26.1887, 64.6775

Square

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



19.7277, 26.1887, 11.7997



18.0298, 26.1887, 47.6220



30.8860, 26.1887, 56.3392



33.3049, 26.1887, 15.3549

Rectangle

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



19.7277, 26.1887, 11.7997



16.6175, 26.1887, 26.7584



30.8860, 26.1887, 56.3392



35.5373, 26.1887, 30.3469

Sweetspot

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



19.7283, 26.1898, 11.8003



45.2063, 51.0747, 43.8743



19.9913, 18.9340, 10.3859



9.8511, 11.2413, 9.3230



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.7283, 26.1898, 11.8003



32.2725, 45.0096, 16.0487



15.9861, 24.2607, 11.6251



6.0009, 6.6083, 6.1997



11.7060, 19.4625, 3.1397



0.1773, 0.2558, 0.0400

Inverse Universe

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



15.3879, 11.6650, 30.2962



23.6533, 16.1561, 52.7930



20.6070, 14.3555, 30.5404



5.7476, 5.7609, 7.2788



6.8032, 2.9797, 24.1476



0.1169, 0.0538, 0.2971

Previews

White Background



This preview shows how the XYZ color 19.7277, 26.1887, 11.7997 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 19.7277, 26.1887, 11.7997 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 19.7277, 26.1887, 11.7997

Background



This preview shows how black text looks on a background with the XYZ color 19.7277, 26.1887, 11.7997.



This preview shows how white text looks on a background with the XYZ color 19.7277, 26.1887,

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

19.7277, 26.1887, 11.7997

Protanopia

23.8545, 26.0643, 10.7948

Deuteranopia

26.3894, 25.8660, 12.1961



Tritanopia

24.1752, 26.1579, 33.9118

Trichromacy



Original Color

19.7277, 26.1887, 11.7997

Protanomaly

22.1636, 26.0720, 11.0720

Deuteranomaly

23.4105, 25.5894, 12.0929

Tritanomaly

22.1245, 25.9941, 23.9299

Monochromacy



Original Color

19.7277, 26.1887, 11.7997

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.9657, 24.1695, 19.1830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7277, 26.1887, 11.7997 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(117, 150, 81)` looks like.

```
.text, #text, p{  
    color:rgb(117, 150, 81)  
}
```

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(117, 150, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 150, 81) }
```

Border

The CSS property to change the border of an element to XYZ 19.7277, 26.1887, 11.7997 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(117, 150, 81) }
```


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

```
.border{ border-color:rgb(117, 150, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 150, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 150, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 150, 81);  
box-shadow:4px 4px 4px 4px rgb(117, 150,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7277, 26.1887, 11.7997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 150, 81) }
```

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

```
.background{ background-color: rgb(117,  
150, 81) }
```

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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