

Converting Colors

XYZ(19.7748, 26.4914, 4.0711)

Have a look what the booklet for
XYZ(19.7748, 26.4914, 4.0711)
contains.

XYZ(19.6587, 26.3247, 4.0451)	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(19.6587, 26.3247,
4.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9600
RGB	127, 150, 0
RGB Percent	50%, 59%, 0%
CMY	0.5020, 0.4117, 0.9999
CMYK	0.15, 0.00, 1.00, 0.41
HSL	69°, 100%, 29%
HSV	69°, 100%, 59%
XYZ	19.6587, 26.3247, 4.0451
YIQ	126.0230, 34.4420, -51.5260

Conversions

Conversions Part 2

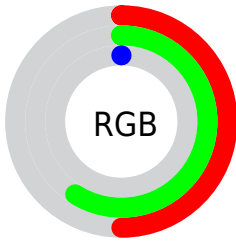
Format	Color
RYB	0, 150, 23
Decimal	8361472
CIELab	58.34, -24.75, 61.44
CIELCh	58, 66.243, 111.943
Yxy	26.3247, 0.3930, 0.5262
Android (android.graphics.Color)	4286551552 (0xFF7F9600)
YUV	126.0230, -62.1293, 0.8568
Hunter-Lab	51.3076, -21.3954, 31.2409

Details

The XYZ color **19.6587, 26.3247, 4.0451** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.8593, 2.3848, 29.0073**, and the grayscale version is **20.0367, 21.0802, 22.9563**.

A 20% lighter version of the original color is **42.2586, 53.7079, 14.1006**, and **7.2095, 10.3401, 1.6159** is the 20% darker color. If you saturate the color by 10%, you get **19.6589, 26.3257, 4.0452**, and if you desaturate by 10%, it is **20.0922, 26.5391, 4.5161**.

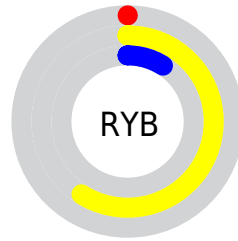
Distribution



Red (50%)

Green (59%)

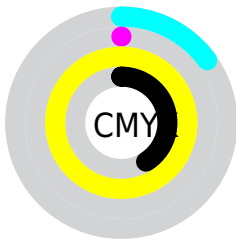
Blue (0%)



Red (0%)

Yellow (59%)

Blue (9%)

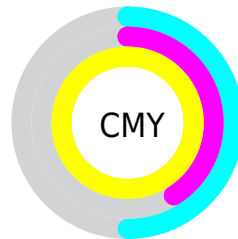


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (50%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6587, 26.3247, 4.0451 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 19.6587, 26.3247, 4.0451 by changing the saturation by 10% instead.

■ 19.6587, 26.3247,
4.0451

■ 19.6587, 26.3247,
4.0451

242.9304,
284.3724, 148.7253

■ 12.2540, 17.0667,
1.6501

■ 42.3525, 53.7983,
14.1136

■ 6.9903, 10.2821,
0.3262

■ 58.3724, 72.7827,
22.6243

■ 3.5023, 5.5864,
0.0000

■ 77.9947, 95.7780,
34.0106

■ 1.4246, 2.5952,
0.0000

■ 101.5848,
123.1687, 48.6910


■ 0.2737, 0.9243,
0.0000


■ 129.5081,
155.3391, 67.0842


■ 0.0000, 0.0000,
0.0000


■ 162.1299,


192.6735, 89.6086


 199.8155,
235.5565, 116.6828


 19.6587, 26.3247,
4.0451


 19.6587, 26.3247,
4.0451


 19.6589, 26.3257,
4.0452

 20.0922, 26.5391,
4.5161

 20.5948, 26.7811,
5.3131

 21.1967, 27.0637,
6.5908

 21.9091, 27.3915,
8.4095

 22.7421, 27.7684,
10.8206

■ 23.7042, 28.1979,
13.8699

■ 24.8033, 28.6831,
17.5982

■ 26.0466, 29.2269,
22.0432

■ 27.4408, 29.8321,
27.2399

Harmonies

Analogous

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



27.2592, 26.3247, 3.3372



19.6587, 26.3247, 4.0451



14.6836, 26.3247, 9.0692

Triad

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



19.6587, 26.3247, 4.0451



16.6227, 26.3247, 79.8256



43.7439, 26.3247, 35.3535

Complementary

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



19.6587, 26.3247, 4.0451



5.8593, 2.3848, 29.0073

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.



39.3356, 26.3247, 65.7115



19.6587, 26.3247, 4.0451



22.9085, 26.3247, 99.0198

Square

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



19.6587, 26.3247, 4.0451



13.2113, 26.3247, 48.6833



31.2788, 26.3247, 92.7999



42.3499, 26.3247, 15.0572

Rectangle

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



19.6587, 26.3247, 4.0451



12.9776, 26.3247, 16.9774



31.2788, 26.3247, 92.7999



42.8631, 26.3247, 44.7618

Sweetspot

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



19.6593, 26.3259, 4.0457



43.6464, 50.5622, 30.6251



12.8753, 7.0780, 0.6880



9.5042, 11.1311, 6.2073



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.



19.6593, 26.3259, 4.0457



34.5728, 46.3952, 7.1330



12.3496, 22.5576, 3.7036



6.1790, 6.7001, 6.2080



16.3253, 21.8439, 3.3559



0.2188, 0.2771, 0.0420

Inverse Universe

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



5.8593, 2.3848, 29.0073



10.2426, 4.1579, 51.1840



10.4895, 4.7718, 29.2240



5.5774, 5.6731, 7.2708



4.8776, 1.9870, 24.0575



0.0755, 0.0324, 0.2952

Previews

White Background



This preview shows how the XYZ color 19.6587, 26.3247, 4.0451 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 19.6587, 26.3247, 4.0451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

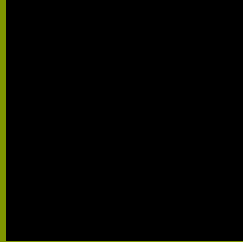
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6587, 26.3247, 4.0451

Background



This preview shows how black text looks on a background with the XYZ color 19.6587, 26.3247, 4.0451.



This preview shows how white text looks on a background with the XYZ color 19.6587, 26.3247,

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

19.6587, 26.3247, 4.0451

Protanopia

23.4786, 26.0253, 3.7859

Deuteranopia

26.7054, 26.1968, 4.6262



Tritanopia

25.3851, 26.1562, 32.5649

Trichromacy



Original Color

19.6587, 26.3247, 4.0451

Protanomaly

22.0059, 26.1496, 3.8875

Deuteranomaly

23.6319, 25.8766, 4.2795

Tritanomaly

21.8797, 25.6220, 14.6188

Monochromacy



Original Color

19.6587, 26.3247, 4.0451

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.7161, 22.3428, 10.9156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6587, 26.3247, 4.0451 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(127, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 150, 0)  
}
```

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(127, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 150, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.6587, 26.3247, 4.0451 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(127, 150, 0) }
```


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

```
.border{ border-color:rgb(127, 150, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 150, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 150,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6587, 26.3247, 4.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 150, 0) }
```

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

```
.background{ background-color: rgb(127,  
150, 0) }
```

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