

Converting Colors

XYZ(19.7453, 26.8856, 21.3416)

Have a look what the booklet for
XYZ(19.7453, 26.8856, 21.3416)
contains.

XYZ(19.7554, 26.9606, 21.3022)	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(19.7554, 26.9606,
21.3022)**

Conversions

Conversions Part 1

Format	Color
Hex	619A76
RGB	97, 154, 118
RGB Percent	38%, 60%, 46%
CMY	0.6196, 0.3961, 0.5372
CMYK	0.37, 0.00, 0.23, 0.40
HSL	142°, 23%, 49%
HSV	142°, 37%, 60%
XYZ	19.7554, 26.9606, 21.3022
YIQ	132.8530, -22.4160, -23.2800

Conversions

Conversions Part 2

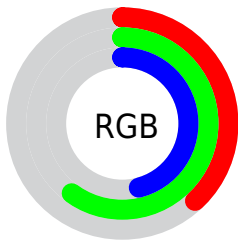
Format	Color
R_{YB}	97, 139, 154
Decimal	6396534
CIE _{Lab}	58.94, -26.83, 13.10
CIE _{LCh}	59, 29.857, 153.979
Yxy	26.9606, 0.2904, 0.3964
Android (android.graphics.Color)	4284586614 (0xFF619A76)
YUV	132.8530, -7.3225, -31.4431
Hunter-Lab	51.9236, -22.9523, 12.0222

Details

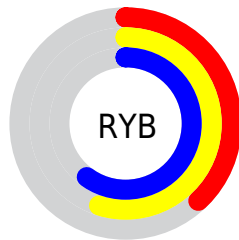
The XYZ color **19.7554, 26.9606, 21.3022** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.8357, 17.1135, 24.3439**, and the grayscale version is **22.2731, 23.4330, 25.5185**.

A 20% lighter version of the original color is **42.6338, 54.9872, 46.3968**, and **7.0292, 10.5493, 7.4601** is the 20% darker color. If you saturate the color by 10%, you get **17.7226, 25.9768, 18.3440**, and if you desaturate by 10%, it is **22.1678, 28.1347, 24.5905**.

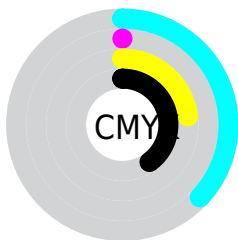
Distribution



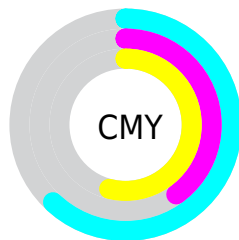
- Red (38%)
- Green (60%)
- Blue (46%)



- Red (38%)
- Yellow (55%)
- Blue (60%)



- Cyan (37%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7554, 26.9606, 21.3022 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 19.7554, 26.9606, 21.3022 by changing the saturation by 10% instead.

■ 19.7554, 26.9606,
21.3022

■ 19.7554, 26.9606,
21.3022

243.4467,
287.4663, 271.7138

■ 12.3246, 17.5436,
13.1517

■ 42.5138, 54.8206,
46.4772

■ 7.0389, 10.6228,
7.4011

■ 58.5721, 74.0325,
64.3388

■ 3.5330, 5.8138,
3.6320

■ 78.2369, 97.2781,
86.2746

■ 1.4415, 2.7322,
1.4257

■ 101.8737,
124.9419, 112.7029

■ 0.2855, 0.9936,
0.1616

129.8477,
157.4082, 144.0425

■ 0.0000, 0.0000,
0.0000

162.5243,

195.0614, 180.7118

200.2688,
238.2860, 223.1294

■ 19.7554, 26.9606,
21.3022

■ 19.7554, 26.9606,
21.3022

■ 17.7226, 25.9768,
18.3440

■ 22.1678, 28.1347,
24.5905

■ 16.0470, 25.1697,
15.7038

■ 24.9765, 29.5053,
28.2170

■ 14.7070, 24.5291,
13.3713


■ 28.1996, 31.0822,
32.1917


■ 13.6776, 24.0425,
11.3349


■ 31.8535, 32.8738,
36.5236


■ 12.9302, 23.6952,
9.5824


■ 35.9537, 34.8878,
41.2216


 12.4198, 23.4643,
8.0998

 40.5149, 37.1316,
46.2939

 12.2880, 23.4050,
7.7064

 45.5511, 39.6124,
51.7488

 51.0758, 42.3368,
57.5941

 57.1019, 45.3114,
63.8375

Harmonies

Analogous

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



21.8555, 26.9606, 15.5071



19.7554, 26.9606, 21.3022



19.1701, 26.9606, 30.7905

Triad

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



19.7554, 26.9606, 21.3022



26.1215, 26.9606, 54.6967



31.9809, 26.9606, 19.3874

Complementary

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



19.7554, 26.9606, 21.3022



21.8357, 17.1135, 24.3439

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.



33.3877, 26.9606, 27.9658



19.7554, 26.9606, 21.3022



29.8053, 26.9606, 49.6714

Square

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



19.7554, 26.9606, 21.3022



22.6326, 26.9606, 51.7038



32.5559, 26.9606, 39.2189



28.8707, 26.9606, 14.6025

Rectangle

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



19.7554, 26.9606, 21.3022



19.6656, 26.9606, 38.4271



32.5559, 26.9606, 39.2189



32.6816, 26.9606, 21.8373

Sweetspot

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



19.7561, 26.9617, 21.3028



48.6677, 55.2091, 55.3604



23.4029, 28.9702, 15.6680



10.8499, 12.4152, 12.3262



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.7561, 26.9617, 21.3028



32.9245, 47.5404, 34.4181



21.7057, 27.7416, 31.5694



6.2215, 6.9613, 7.0901



10.0271, 19.0743, 6.3631



0.1665, 0.2918, 0.1824

Inverse Universe

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



21.8357, 17.1135, 24.3439



37.2349, 27.1052, 40.7047



20.1312, 16.4317, 15.3681



6.3646, 6.2850, 7.3002



12.6430, 6.3114, 9.9111



0.2064, 0.1013, 0.2399

Previews

White Background



This preview shows how the XYZ color 19.7554, 26.9606, 21.3022 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 19.7554, 26.9606, 21.3022 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 19.7554, 26.9606, 21.3022

Background



This preview shows how black text looks on a background with the XYZ color 19.7554, 26.9606, 21.3022.



This preview shows how white text looks on a background with the XYZ color 19.7554, 26.9606,

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

19.7554, 26.9606, 21.3022

Protanopia

25.0272, 26.7036, 19.1645

Deuteranopia

27.2173, 26.6948, 22.1305



Tritanopia

22.8789, 26.7820, 37.2213

Trichromacy



Original Color

19.7554, 26.9606, 21.3022

Protanomaly

22.6762, 26.5980, 19.8583

Deuteranomaly

23.7549, 26.4287, 21.9384

Tritanomaly

21.6107, 26.7406, 30.8105

Monochromacy



Original Color

19.7554, 26.9606, 21.3022

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.1669, 24.6013, 24.0550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7554, 26.9606, 21.3022 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(97, 154, 118)` looks like.

```
.text, #text, p{  
    color:rgb(97, 154, 118)  
}
```

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(97, 154, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 154, 118) }
```

Border

The CSS property to change the border of an element to XYZ 19.7554, 26.9606, 21.3022 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(97, 154, 118) }
```


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

```
.border{ border-color:rgb(97, 154, 118) }
```

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

Here you see how a box with a 4 pixel rgb(97, 154, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 154, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 154, 118);  
box-shadow:4px 4px 4px 4px rgb(97, 154,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7554, 26.9606, 21.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 154, 118) }
```

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

```
.background{ background-color: rgb(97, 154,  
118) }
```

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