

Converting Colors

XYZ(19.8052, 26.6407, 20.1267)

Have a look what the booklet for
XYZ(19.8052, 26.6407, 20.1267)
contains.

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Color

**XYZ(19.7450, 26.4962,
19.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	669872
RGB	102, 152, 114
RGB Percent	40%, 60%, 45%
CMY	0.6000, 0.4039, 0.5529
CMYK	0.33, 0.00, 0.25, 0.40
HSL	134°, 20%, 50%
HSV	134°, 33%, 60%
XYZ	19.7450, 26.4962, 19.9932
YIQ	132.7180, -17.6020, -22.4180

Conversions

Conversions Part 2

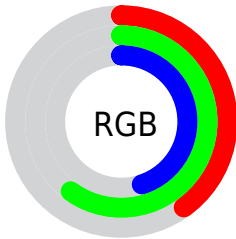
Format	Color
RYB	102, 142, 152
Decimal	6723698
CIELab	58.51, -25.02, 14.78
CIELCh	59, 29.057, 149.424
Yxy	26.4962, 0.2981, 0.4000
Android (android.graphics.Color)	4284913778 (0xFF669872)
YUV	132.7180, -9.2280, -26.9397
Hunter-Lab	51.4745, -21.6098, 13.0033

Details

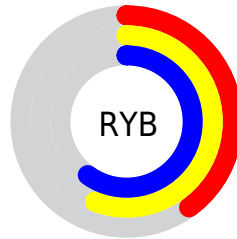
The XYZ color **19.7450, 26.4962, 19.9932** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.4348, 18.0722, 27.1178**, and the grayscale version is **22.2294, 23.3871, 25.4686**.

A 20% lighter version of the original color is **42.5222, 54.2488, 44.3063**, and **7.0532, 10.4308, 6.7959** is the 20% darker color. If you saturate the color by 10%, you get **17.5613, 25.4424, 16.6728**, and if you desaturate by 10%, it is **22.3291, 27.7483, 23.7671**.

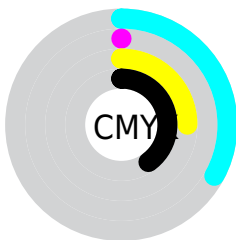
Distribution



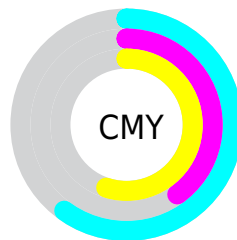
- Red (40%)
- Green (60%)
- Blue (45%)



- Red (40%)
- Yellow (56%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7450, 26.4962, 19.9932 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 19.7450, 26.4962, 19.9932 by changing the saturation by 10% instead.

■ 19.7450, 26.4962,
19.9932

■ 19.7450, 26.4962,
19.9932

243.3912,
285.2095, 264.4813

■ 12.3170, 17.1952,
12.2061

■ 42.4965, 54.0744,
44.2646

■ 7.0337, 10.3738,
6.7599

■ 58.5506, 73.1203,
61.5860

■ 3.5297, 5.6475,
3.2363

■ 78.2109, 96.1834,
82.9225

■ 1.4397, 2.6319,
1.2165

■ 101.8426,
123.6480, 108.6927

■ 0.2842, 0.9427,
0.0000

129.8112,
155.8985, 139.3151

■ 0.0000, 0.0000,
0.0000

162.4819,

193.3194, 175.2084

200.2201,
236.2949, 216.7909

■ 19.7450, 26.4962,
19.9932

■ 19.7450, 26.4962,
19.9932

■ 17.5613, 25.4424,
16.6728

■ 22.3291, 27.7483,
23.7671

■ 15.7554, 24.5735,
13.7870

■ 25.3304, 29.2047,
28.0088

■ 14.3060, 23.8794,
11.3183

■ 28.7672, 30.8754,
32.7343

■ 13.1883, 23.3479,
9.2472

■ 32.6562, 32.7686,
37.9581

■ 12.3744, 22.9650,
7.5527

■ 37.0131, 34.8923,
43.6944

■ 11.8318, 22.7144,
6.2119

■ 41.8529, 37.2537,
49.9566

■ 11.5546, 22.5879,
5.4587

■ 47.1900, 39.8601,
56.7577

■ 53.0381, 42.7182,
64.1101

■ 59.4104, 45.8346,
72.0260

Harmonies

Analogous

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



21.9726, 26.4962, 14.9368



19.7450, 26.4962, 19.9932



18.9481, 26.4962, 28.6536

Triad

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



19.7450, 26.4962, 19.9932



25.1152, 26.4962, 53.1881



31.6195, 26.4962, 20.2612

Complementary

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



19.7450, 26.4962, 19.9932



22.4348, 18.0722, 27.1178

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.



32.6565, 26.4962, 29.0470



19.7450, 26.4962, 19.9932



28.6936, 26.4962, 49.4821

Square

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



19.7450, 26.4962, 19.9932



21.8642, 26.4962, 49.2009



31.5396, 26.4962, 39.9982



28.8236, 26.4962, 15.0640

Rectangle

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



19.7450, 26.4962, 19.9932



19.2715, 26.4962, 35.8626



31.5396, 26.4962, 39.9982



32.1964, 26.4962, 22.8166

Sweetspot

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



19.7457, 26.4973, 19.9938



46.2700, 52.3054, 51.6036



24.4990, 29.0216, 16.8811



10.3451, 11.8050, 11.4913



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.



19.7457, 26.4973, 19.9938



32.1318, 45.4542, 31.1824



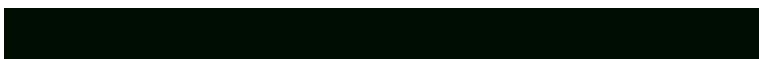
21.3444, 27.1368, 28.4126



6.1899, 6.9487, 6.9235



9.6985, 18.9429, 4.6329



0.1575, 0.2882, 0.1352

Inverse Universe

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



22.4348, 18.0722, 27.1178



37.5784, 28.3745, 45.6008



20.8148, 17.4242, 18.5870



6.3978, 6.2983, 7.4750



13.4897, 6.6501, 14.3698



0.2154, 0.1049, 0.2872

Previews

White Background



This preview shows how the XYZ color 19.7450, 26.4962, 19.9932 looks on a white background.

Color Contrast Check

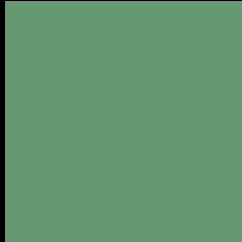
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7450, 26.4962, 19.9932 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 19.7450, 26.4962, 19.9932

Background



This preview shows how black text looks on a background with the XYZ color 19.7450, 26.4962, 19.9932.



This preview shows how white text looks on a background with the XYZ color 19.7450, 26.4962,

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

19.7450, 26.4962, 19.9932

Protanopia

24.6625, 26.3229, 17.9683

Deuteranopia

26.8343, 26.3173, 20.8050



Tritanopia

23.0060, 26.4059, 36.2321

Trichromacy



Original Color

19.7450, 26.4962, 19.9932

Protanomaly

22.4606, 26.0589, 18.5979

Deuteranomaly

23.5510, 25.9096, 20.5894

Tritanomaly

21.6567, 26.3209, 29.5302

Monochromacy



Original Color

19.7450, 26.4962, 19.9932

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.1700, 24.4001, 23.3326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7450, 26.4962, 19.9932 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(102, 152, 114)` looks like.

```
.text, #text, p{  
    color:rgb(102, 152, 114)  
}
```

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(102, 152, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 152, 114) }
```

Border

The CSS property to change the border of an element to XYZ 19.7450, 26.4962, 19.9932 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(102, 152, 114) }
```


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

```
.border{ border-color:rgb(102, 152, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 152, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 152, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 152, 114);  
box-shadow:4px 4px 4px 4px rgb(102, 152,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7450, 26.4962, 19.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 152, 114) }
```

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

```
.background{ background-color: rgb(102,  
152, 114) }
```

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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