

Converting Colors

XYZ(19.4992, 24.5150, 19.5461)

Have a look what the booklet for
XYZ(19.4992, 24.5150, 19.5461)
contains.

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Color

**XYZ(19.5661, 24.5409,
19.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9072
RGB	111, 144, 114
RGB Percent	44%, 56%, 45%
CMY	0.5647, 0.4353, 0.5529
CMYK	0.23, 0.00, 0.21, 0.44
HSL	125°, 13%, 50%
HSV	125°, 23%, 56%
XYZ	19.5661, 24.5409, 19.6252
YIQ	130.7130, -10.0380, -16.3260

Conversions

Conversions Part 2

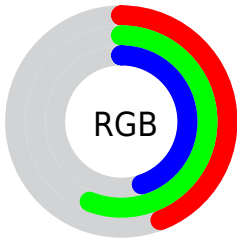
Format	Color
R_{YB}	111, 141, 144
Decimal	7311474
CIE _{Lab}	56.63, -17.81, 12.24
CIE _{LCh}	57, 21.613, 145.500
Yxy	24.5409, 0.3070, 0.3851
Android (android.graphics.Color)	4285501554 (0xFF6F9072)
YUV	130.7130, -8.2395, -17.2883
Hunter-Lab	49.5388, -16.1915, 11.1889

Details

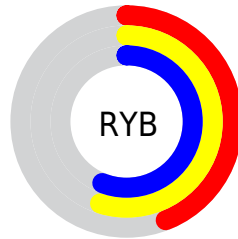
The XYZ color **19.5661, 24.5409, 19.6252** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.9947, 19.2219, 27.7515**, and the grayscale version is **21.5026, 22.6224, 24.6358**.

A 20% lighter version of the original color is **42.1813, 50.9279, 43.6833**, and **6.8843, 9.2462, 6.5761** is the 20% darker color. If you saturate the color by 10%, you get **17.2056, 23.4048, 15.8995**, and if you desaturate by 10%, it is **22.3267, 25.8724, 23.9274**.

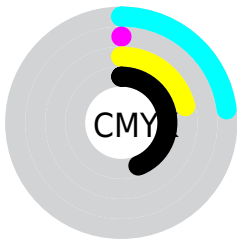
Distribution



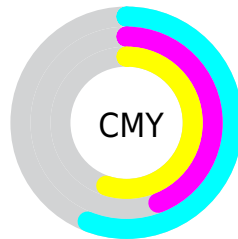
- Red (44%)
- Green (56%)
- Blue (45%)



- Red (44%)
- Yellow (55%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (21%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5661, 24.5409, 19.6252 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 19.5661, 24.5409, 19.6252 by changing the saturation by 10% instead.

■ 19.5661, 24.5409,
19.6252

■ 19.5661, 24.5409,
19.6252

242.4350,
275.5438, 262.4156

■ 12.1865, 15.7353,
11.9415

■ 42.1980, 50.9114,
43.6386

■ 6.9439, 9.3371,
6.5818

■ 58.1810, 69.2452,
60.8054

■ 3.4731, 4.9617,
3.1275

■ 77.7625, 91.5239,
81.9703

■ 1.4086, 2.2248,
1.1601

■ 101.3079,
118.1318, 107.5519

■ 0.2623, 0.7335,
0.0000

129.1825,
149.4533, 137.9686

■ 0.0000, 0.0000,
0.0000

161.7516,

185.8729, 173.6392

199.3806,
227.7749, 214.9820

■ 19.5661, 24.5409,
19.6252

■ 19.5661, 24.5409,
19.6252

■ 17.2056, 23.4048,
15.8995

■ 22.3267, 25.8724,
23.9274

■ 15.2248, 22.4518,
12.7244

■ 25.5028, 27.4045,
28.8275

■ 13.6044, 21.6735,
10.0741

■ 29.1112, 29.1463,
34.3478

■ 12.3226, 21.0590,
7.9206

■ 33.1674, 31.1052,
40.5087

■ 11.3552, 20.5967,
6.2327

■ 37.6859, 33.2883,
47.3300

■ 10.6750, 20.2731,
4.9761

■ 42.6808, 35.7024,
54.8305

■ 10.2497, 20.0726,
4.1117

■ 48.1654, 38.3540,
63.0282

■ 10.0469, 19.9767,
3.7102

■ 54.1525, 41.2495,
71.9406

■ 60.6547, 44.3947,
81.5844

Harmonies

Analogous

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



21.3067, 24.5409, 16.0770



19.5661, 24.5409, 19.6252



18.8330, 24.5409, 25.6500

Triad

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



19.5661, 24.5409, 19.6252



22.9484, 24.5409, 43.0240



27.9633, 24.5409, 21.1958

Complementary

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



19.5661, 24.5409, 19.6252



21.9947, 19.2219, 27.7515

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.



28.4808, 24.5409, 27.8211



19.5661, 24.5409, 19.6252



25.4677, 24.5409, 41.2557

Square

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



19.5661, 24.5409, 19.6252



20.6946, 24.5409, 39.8226



27.5378, 24.5409, 35.3488



26.1702, 24.5409, 16.8631

Rectangle

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



19.5661, 24.5409, 19.6252



18.9728, 24.5409, 30.5917



27.5378, 24.5409, 35.3488



28.2975, 24.5409, 23.1912

Sweetspot

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



19.5668, 24.5419, 19.6257



42.5202, 47.1468, 47.0591



23.8706, 26.7800, 18.9503



9.6862, 10.7806, 10.6921



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.5668, 24.5419, 19.6257



32.0696, 42.1089, 30.7741



20.5756, 24.9455, 24.9385



5.3616, 6.0369, 5.8699



8.7530, 17.3971, 3.2537



0.0868, 0.1676, 0.0477

Inverse Universe

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



21.9947, 19.2219, 27.7515



37.1980, 30.8690, 47.9359



20.8725, 18.7731, 21.8426



5.6054, 5.5027, 6.6861



13.5825, 6.5900, 19.2507



0.1339, 0.0646, 0.2051

Previews

White Background



This preview shows how the XYZ color 19.5661, 24.5409, 19.6252 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 19.5661, 24.5409, 19.6252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

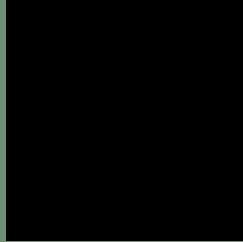
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.5661, 24.5409, 19.6252

Background



This preview shows how black text looks on a background with the XYZ color 19.5661, 24.5409, 19.6252.



This preview shows how white text looks on a background with the XYZ color 19.5661, 24.5409,

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

19.5661, 24.5409, 19.6252

Protanopia

22.9800, 24.3830, 18.2471

Deuteranopia

24.7111, 24.2182, 20.2018



Tritanopia

22.0738, 24.4492, 32.4099

Trichromacy



Original Color

19.5661, 24.5409, 19.6252

Protanomaly

21.4734, 24.2302, 18.5840

Deuteranomaly

22.4638, 24.0779, 19.9865

Tritanomaly

21.1105, 24.5007, 27.2834

Monochromacy



Original Color

19.5661, 24.5409, 19.6252

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.8180, 23.3741, 22.8165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5661, 24.5409, 19.6252 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(111, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(111, 144, 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(111, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 144, 114) }
```

Border

The CSS property to change the border of an element to XYZ 19.5661, 24.5409, 19.6252 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(111, 144, 114) }
```


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

```
.border{ border-color:rgb(111, 144, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(111, 144,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5661, 24.5409, 19.6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 144, 114) }
```

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

```
.background{ background-color: rgb(111,  
144, 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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