

Converting Colors

XYZ(19.7243, 26.9024, 12.1357)

Have a look what the booklet for
XYZ(19.7243, 26.9024, 12.1357)
contains.

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Color

**XYZ(19.7243, 26.9024,
12.1357)**

Conversions

Conversions Part 1

Format	Color
Hex	719952
RGB	113, 153, 82
RGB Percent	44%, 60%, 32%
CMY	0.5569, 0.4000, 0.6784
CMYK	0.26, 0.00, 0.46, 0.40
HSL	94°, 30%, 46%
HSV	94°, 46%, 60%
XYZ	19.7243, 26.9024, 12.1357
YIQ	132.9460, -1.0490, -30.5610

Conversions

Conversions Part 2

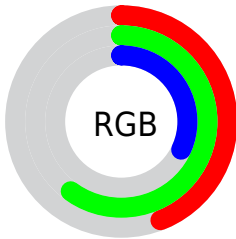
Format	Color
R_{YB}	82, 153, 122
Decimal	7444818
CIE _{Lab}	58.88, -26.75, 32.86
CIE _{LCh}	59, 42.374, 129.150
Yxy	26.9024, 0.3357, 0.4578
Android (android.graphics.Color)	4285634898 (0xFF719952)
YUV	132.9460, -25.1164, -17.4926
Hunter-Lab	51.8675, -22.8878, 22.4349

Details

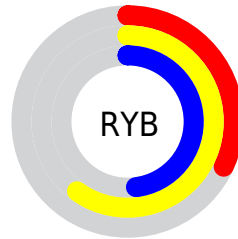
The XYZ color **19.7243, 26.9024, 12.1357** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.7942, 12.4728, 31.6608**, and the grayscale version is **22.3641, 23.5288, 25.6228**.

A 20% lighter version of the original color is **42.5154, 54.9122, 30.5486**, and **7.0267, 10.6424, 3.1972** is the 20% darker color. If you saturate the color by 10%, you get **18.1491, 26.1511, 9.3545**, and if you desaturate by 10%, it is **21.5360, 27.7623, 15.6068**.

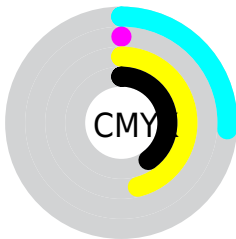
Distribution



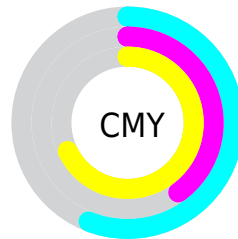
- Red (44%)
- Green (60%)
- Blue (32%)



- Red (32%)
- Yellow (60%)
- Blue (48%)



- Cyan (26%)
- Magenta (0%)
- Yellow (46%)
- Black (40%)



- Cyan (56%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7243, 26.9024, 12.1357 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 19.7243, 26.9024, 12.1357 by changing the saturation by 10% instead.

■ 19.7243, 26.9024,
12.1357

■ 19.7243, 26.9024,
12.1357

243.2808,
287.1842, 216.3113

■ 12.3019, 17.4999,
6.7125

■ 42.4619, 54.7272,
30.4101

■ 7.0233, 10.5916,
3.2073

■ 58.5079, 73.9183,
44.0984

■ 3.5231, 5.7929,
1.2014

■ 78.1591, 97.1412,
61.3788

■ 1.4361, 2.7196,
0.0000

■ 101.7808,
124.7801, 82.6698

■ 0.2817, 0.9871,
0.0000

■ 129.7385,
157.2194, 108.3901

■ 0.0000, 0.0000,
0.0000

162.3975,

194.8436, 138.9580

200.1231,
238.0371, 174.7923

■ 19.7243, 26.9024,
12.1357

■ 19.7243, 26.9024,
12.1357

■ 18.1491, 26.1511,
9.3545

■ 21.5360, 27.7623,
15.6068

■ 16.7968, 25.5000,
7.2152

■ 23.5931, 28.7318,
19.8080

■ 15.6553, 24.9445,
5.6668


■ 25.9060, 29.8166,
24.7783


■ 14.7099, 24.4787,
4.6494


■ 28.4844, 31.0206,
30.5537


■ 13.9404, 24.0940,
4.0738

■ 31.3369, 32.3477,
37.1675

 13.6928, 23.9698,
3.9050

 34.4721, 33.8016,
44.6517

 37.8980, 35.3857,
53.0361

 41.6222, 37.1033,
62.3494

 45.6523, 38.9578,
72.6189

Harmonies

Analogous

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



24.0017, 26.9024, 9.0479



19.7243, 26.9024, 12.1357



17.2663, 26.9024, 20.1795

Triad

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



19.7243, 26.9024, 12.1357



22.1505, 26.9024, 65.3563



36.8565, 26.9024, 24.9409

Complementary

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



19.7243, 26.9024, 12.1357



16.7942, 12.4728, 31.6608

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.



36.1827, 26.9024, 40.8030



19.7243, 26.9024, 12.1357



27.2050, 26.9024, 67.9889

Square

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



19.7243, 26.9024, 12.1357



18.5284, 26.9024, 51.5348



32.4695, 26.9024, 57.8336



34.2015, 26.9024, 14.5957

Rectangle

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



19.7243, 26.9024, 12.1357



16.7645, 26.9024, 28.8665



32.4695, 26.9024, 57.8336



37.0189, 26.9024, 29.7219

Sweetspot

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



19.7250, 26.9036, 12.1363



47.3350, 53.8364, 46.4517



21.5044, 21.0694, 10.9164



10.2575, 11.7966, 9.8278



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.



19.7250, 26.9036, 12.1363



32.3188, 46.7438, 16.4468



16.5333, 25.2422, 12.7106



6.3752, 7.0509, 6.6308



11.3534, 19.8288, 3.2290



0.2104, 0.3174, 0.0502

Inverse Universe

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



16.7942, 12.4728, 31.6608



26.3749, 17.5289, 55.9653



21.6161, 14.9919, 30.3784



6.2007, 6.1893, 7.7968



7.9781, 3.5639, 25.1751



0.1610, 0.0748, 0.3783

Previews

White Background



This preview shows how the XYZ color 19.7243, 26.9024, 12.1357 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 19.7243, 26.9024, 12.1357 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 19.7243, 26.9024, 12.1357

Background



This preview shows how black text looks on a background with the XYZ color 19.7243, 26.9024, 12.1357.



This preview shows how white text looks on a background with the XYZ color 19.7243, 26.9024,

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

19.7243, 26.9024, 12.1357

Protanopia

24.4176, 26.5684, 11.0490

Deuteranopia

27.1383, 26.6578, 12.5192



Tritanopia

24.4383, 26.9362, 35.3637

Trichromacy



Original Color

19.7243, 26.9024, 12.1357

Protanomaly

22.3519, 26.3908, 11.3130

Deuteranomaly

23.8904, 26.4859, 12.4475

Tritanomaly

22.2981, 26.7579, 24.7584

Monochromacy



Original Color

19.7243, 26.9024, 12.1357

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.0195, 24.4067, 19.5227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7243, 26.9024, 12.1357 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(113, 153, 82)` looks like.

```
.text, #text, p{  
    color:rgb(113, 153, 82)  
}
```

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(113, 153, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 153, 82) }
```

Border

The CSS property to change the border of an element to XYZ 19.7243, 26.9024, 12.1357 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(113, 153, 82) }
```


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

```
.border{ border-color:rgb(113, 153, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 153, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 153, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 153, 82);  
box-shadow:4px 4px 4px 4px rgb(113, 153,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7243, 26.9024, 12.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 153, 82) }
```

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

```
.background{ background-color: rgb(113,  
153, 82) }
```

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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