

Converting Colors

XYZ(9.5533, 14.6537, 9.8451)

Have a look what the booklet for
XYZ(9.5533, 14.6537, 9.8451)
contains.

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Color

**XYZ(9.6326, 14.7690,
9.9324)**

Conversions

Conversions Part 1

Format	Color
Hex	357850
RGB	53, 120, 80
RGB Percent	21%, 47%, 31%
CMY	0.7922, 0.5294, 0.6863
CMYK	0.56, 0.00, 0.33, 0.53
HSL	144°, 39%, 34%
HSV	144°, 56%, 47%
XYZ	9.6326, 14.7690, 9.9324
YIQ	95.4070, -27.0920, -26.6440

Conversions

Conversions Part 2

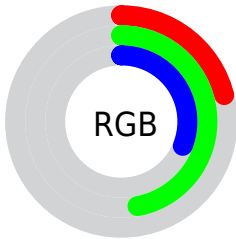
Format	Color
RYB	53, 101, 120
Decimal	3504208
CIELab	45.32, -31.18, 15.69
CIELCh	45, 34.902, 153.293
Yxy	14.7690, 0.2806, 0.4302
Android (android.graphics.Color)	4281694288 (0xFF357850)
YUV	95.4070, -7.5957, -37.1909
Hunter-Lab	38.4305, -22.5122, 11.5777

Details

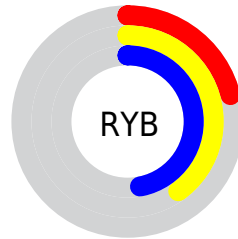
The XYZ color **9.6326, 14.7690, 9.9324** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.9950, 7.3298, 11.1916**, and the grayscale version is **10.9976, 11.5703, 12.6001**.

A 20% lighter version of the original color is **24.7317, 34.4754, 26.1198**, and **2.5566, 4.6278, 2.3486** is the 20% darker color. If you saturate the color by 10%, you get **8.8284, 14.3838, 8.5860**, and if you desaturate by 10%, it is **10.6238, 15.2482, 11.4356**.

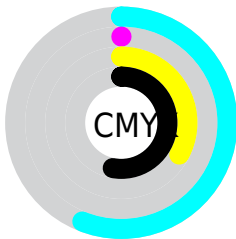
Distribution



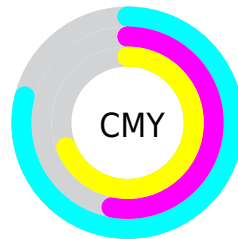
- Red (21%)
- Green (47%)
- Blue (31%)



- Red (21%)
- Yellow (40%)
- Blue (47%)



- Cyan (56%)
- Magenta (0%)
- Yellow (33%)
- Black (53%)



- Cyan (79%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.6326, 14.7690, 9.9324 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 9.6326, 14.7690, 9.9324 by changing the saturation by 10% instead.

9.6326, 14.7690,
9.9324

9.6326, 14.7690,
9.9324

182.1384,
221.9637, 200.6562

5.2164, 8.6574,
5.2491

24.7581, 34.4474,
26.2741

2.4109, 4.5184,
2.3329

36.1982, 48.7831,
38.7696

0.8505, 1.9676,
0.7496

50.7103, 66.6289,
54.7063

0.0000, 0.5885,
0.0000

68.6597, 88.3692,
74.5027

0.0000, 0.0000,
0.0000

90.4119, 114.3884,
98.5773

116.3322,

145.0710, 127.3488

146.7859,
180.8013, 161.2355

■ 9.6326, 14.7690,
9.9324

■ 9.6326, 14.7690,
9.9324

■ 8.8284, 14.3838,
8.5860

■ 10.6238, 15.2482,
11.4356

■ 8.1972, 14.0842,
7.3902

■ 11.8126, 15.8254,
13.0995

■ 7.7246, 13.8634,
6.3399

■ 13.2099, 16.5067,
14.9291

■ 7.3845, 13.7078,
5.4285

■ 14.8257, 17.2971,
16.9291

■ 7.2577, 13.6499,
5.0875

■ 16.6691, 18.2012,
19.1036

■ 18.7488, 19.2234,
21.4570

■ 21.0731, 20.3678,
23.9932

■ 23.6497, 21.6385,
26.7161

■ 26.4861, 23.0392,
29.6294

Harmonies

Analogous

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



11.2008, 14.7690, 6.1039



9.6326, 14.7690, 9.9324



9.1853, 14.7690, 17.0131

Triad

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



9.6326, 14.7690, 9.9324



14.3593, 14.7690, 37.7980



19.2180, 14.7690, 8.8270

Complementary

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



9.6326, 14.7690, 9.9324



10.9950, 7.3298, 11.1916

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.



20.3536, 14.7690, 15.1834



9.6326, 14.7690, 9.9324



17.3167, 14.7690, 33.4056

Square

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



9.6326, 14.7690, 9.9324



11.6835, 14.7690, 34.9171



19.6145, 14.7690, 24.3536



16.6882, 14.7690, 5.6368

Rectangle

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



9.6326, 14.7690, 9.9324



9.5240, 14.7690, 23.2368



19.6145, 14.7690, 24.3536



19.7901, 14.7690, 10.5694

Sweetspot

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



9.6330, 14.7696, 9.9327



25.5987, 30.1881, 29.1970



11.8940, 16.0282, 5.8351



5.9581, 7.1012, 6.7868



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



9.6330, 14.7696, 9.9327



15.1855, 25.1348, 14.4838



11.1827, 15.3895, 18.0932



4.0116, 4.4743, 4.5949



7.9107, 14.8879, 5.5144



37.3369, 70.8578, 24.2101

Inverse Universe

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



10.9950, 7.3298, 11.1916



17.8335, 10.6246, 16.8970



9.8269, 6.8626, 5.0403



4.0893, 4.0515, 4.6680



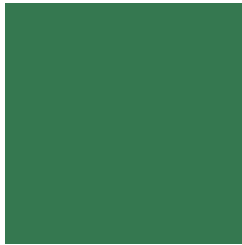
9.7064, 4.8587, 7.0108



45.8710, 23.0047, 31.1805

Previews

White Background



This preview shows how the XYZ color 9.6326, 14.7690, 9.9324 looks on a white background.

Color Contrast Check

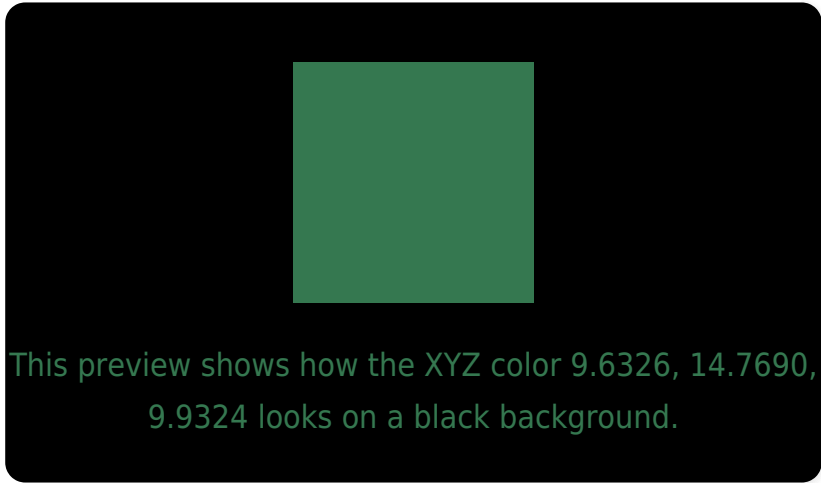
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 9.6326, 14.7690, 9.9324

Background



This preview shows how black text looks on a background with the XYZ color 9.6326, 14.7690, 9.9324.



This preview shows how white text looks on a background with the XYZ color 9.6326, 14.7690,

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

9.6326, 14.7690, 9.9324

Protanopia

13.5640, 14.6546, 8.5923

Deuteranopia

14.8091, 14.5028, 10.4063



Tritanopia

11.9488, 14.8405, 21.3035

Trichromacy



Original Color

9.6326, 14.7690, 9.9324

Protanomaly

11.5123, 14.3855, 9.0074

Deuteranomaly

12.1756, 14.2145, 10.2856

Tritanomaly

10.9925, 14.7974, 16.4642

Monochromacy



Original Color

9.6326, 14.7690, 9.9324

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.1040, 12.3443, 11.5230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.6326, 14.7690, 9.9324 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(53, 120, 80)` looks like.

```
.text, #text, p{  
    color:rgb(53, 120, 80)  
}
```

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(53, 120, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 120, 80) }
```

Border

The CSS property to change the border of an element to XYZ 9.6326, 14.7690, 9.9324 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(53, 120, 80) }
```


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

```
.border{ border-color:rgb(53, 120, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 120, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 120, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 120, 80);  
box-shadow:4px 4px 4px 4px rgb(53, 120,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 9.6326, 14.7690, 9.9324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 120, 80) }
```

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

```
.background{ background-color: rgb(53, 120,  
80) }
```

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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