

Converting Colors

XYZ(9.7743, 11.9619, 14.3641)

Have a look what the booklet for
XYZ(9.7743, 11.9619, 14.3641)
contains.

| | |
|------------------------------------------------|----|
| XYZ(9.7743, 11.9619, 14.3641) | 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(9.7743, 11.9619,
14.3641)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 466766 |
| RGB | 70, 103, 102 |
| RGB Percent | 27%, 40%, 40% |
| CMY | 0.7255, 0.5961, 0.6000 |
| CMYK | 0.32, 0.00, 0.01, 0.60 |
| HSL | 178°, 19%, 34% |
| HSV | 178°, 32%, 40% |
| XYZ | 9.7743, 11.9619, 14.3641 |
| YIQ | 93.0190, -19.3470, -7.3070 |

Conversions

Conversions Part 2

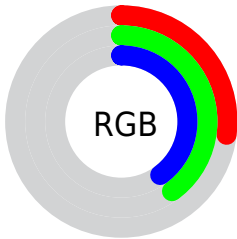
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 70, 87, 103 |
| Decimal | 4613990 |
| CIE _{Lab} | 41.16, -12.11, -3.27 |
| CIE _{LCh} | 41, 12.540, 195.110 |
| Yxy | 11.9619, 0.2708, 0.3314 |
| Android (android.graphics.Color) | 4282804070 (0xFF466766) |
| YUV | 93.0190, 4.4276, -20.1877 |
| Hunter-Lab | 34.5860, -10.0798, -0.4139 |

Details

The XYZ color **9.7743, 11.9619, 14.3641** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.9214, 7.7191, 6.9814**, and the grayscale version is **10.4024, 10.9441, 11.9182**.

A 20% lighter version of the original color is **25.0511, 29.4042, 34.4922**, and **2.4571, 3.2863, 4.1193** is the 20% darker color. If you saturate the color by 10%, you get **9.0788, 11.6054, 14.2510**, and if you desaturate by 10%, it is **10.5981, 12.3851, 14.4840**.

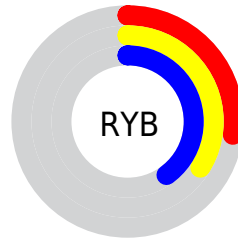
Distribution



 Red (27%)

 Green (40%)

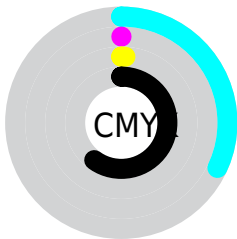
 Blue (40%)



 Red (27%)

 Yellow (34%)

 Blue (40%)

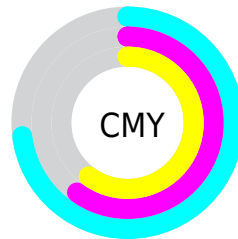


 Cyan (32%)


 Magenta (0%)

 Yellow (1%)

 Black (60%)



 Cyan (73%)

 Magenta (60%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7743, 11.9619, 14.3641 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 9.7743, 11.9619, 14.3641 by changing the saturation by 10% instead.

■ 9.7743, 11.9619,
14.3641

■ 9.7743, 11.9619,
14.3641

183.1410,
204.1529, 230.9910

■ 5.3107, 6.7177,
8.2327

■ 25.0237, 29.4257,
34.4601

■ 2.4673, 3.2862,
4.1543

■ 36.5401, 42.4141,
49.2617

■ 0.8788, 1.2829,
1.7104

■ 51.1382, 58.7528,
67.7905

■ 0.0000, 0.1279,
0.3678

■ 69.1833, 78.8260,
90.4650

■ 0.0000, 0.0000,
0.0000

■ 91.0408, 103.0182,
117.7038

117.0760,

131.7139, 149.9253

147.6543,
165.2973, 187.5482

■ 9.7743, 11.9619,
14.3641

■ 9.7743, 11.9619,
14.3641

■ 9.0788, 11.6054,
14.2510

■ 10.5981, 12.3851,
14.4840

■ 8.5039, 11.3109,
14.1437

■ 11.5551, 12.8766,
14.6101

■ 8.0430, 11.0750,
14.0420

■ 12.6514, 13.4400,
14.7431

■ 7.6883, 10.8939,
13.9455

■ 13.8923, 14.0779,
14.8832

■ 7.4309, 10.7630,
13.8539

■ 15.2828, 14.7929,
15.0306

■ 7.2594, 10.6764,
13.7666

■ 16.8277, 15.5875,
15.1855

■ 7.1448, 10.6186,
13.6984

■ 18.5317, 16.4641,
15.3481

■ 20.3991, 17.4250,
15.5187

■ 22.4342, 18.4722,
15.6975

Harmonies

Analogous

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



9.7727, 11.9619, 11.7881



9.7743, 11.9619, 14.3641



10.1876, 11.9619, 16.8743

Triad

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



9.7743, 11.9619, 14.3641



12.6443, 11.9619, 16.8582



11.8214, 11.9619, 8.7859

Complementary

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



9.7743, 11.9619, 14.3641



8.9214, 7.7191, 6.9814

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.



12.6393, 11.9619, 9.8098



9.7743, 11.9619, 14.3641



13.1312, 11.9619, 14.3444

Square

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



9.7743, 11.9619, 14.3641



11.8280, 11.9619, 18.4387



13.1293, 11.9619, 11.7708



10.9228, 11.9619, 8.7897

Rectangle

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



9.7743, 11.9619, 14.3641



10.6543, 11.9619, 18.0756



13.1293, 11.9619, 11.7708



12.1159, 11.9619, 9.0147

Sweetspot

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



9.7746, 11.9624, 14.3644



21.0142, 23.2228, 26.2007



8.5620, 11.4866, 7.5604



5.0799, 5.6416, 6.3864



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



9.7746, 11.9624, 14.3644



16.5972, 20.9550, 25.5752



8.4313, 9.1957, 14.1631



2.9002, 3.1838, 3.5758



8.9863, 13.3581, 17.2212



46.8075, 69.6455, 89.4972

Inverse Universe

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



8.9214, 7.7191, 6.9814



14.8238, 12.1334, 10.2284



9.9795, 9.8863, 7.1768



2.8326, 2.8477, 2.9908



7.0565, 3.6355, 0.4298



36.7441, 18.9376, 1.9298

Previews

White Background



This preview shows how the XYZ color 9.7743, 11.9619, 14.3641 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



This preview shows how the XYZ color 9.7743, 11.9619, 14.3641 looks on a 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

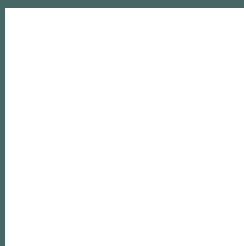
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.7743, 11.9619, 14.3641

Background



This preview shows how black text looks on a background with the XYZ color 9.7743, 11.9619, 14.3641.



This preview shows how white text looks on a background with the XYZ color 9.7743, 11.9619,

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

9.7743, 11.9619, 14.3641

Protanopia

11.4245, 11.8443, 13.2393

Deuteranopia

12.0949, 11.8884, 14.7539



Tritanopia

10.2383, 12.0062, 16.5297

Trichromacy



Original Color

9.7743, 11.9619, 14.3641

Protanomaly

10.7385, 11.8992, 13.5352

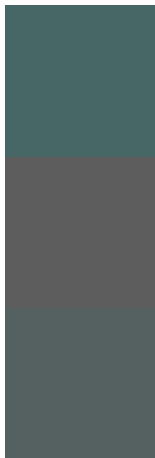
Deuteranomaly

11.0373, 11.7528, 14.5188

Tritanomaly

10.0037, 11.9039, 15.6803

Monochromacy



Original Color

9.7743, 11.9619, 14.3641

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.1323, 11.3252, 12.7183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7743, 11.9619, 14.3641 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(70, 103, 102)` looks like.

```
.text, #text, p{  
    color:rgb(70, 103, 102)  
}
```

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(70, 103, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 103, 102) }
```

Border

The CSS property to change the border of an element to XYZ 9.7743, 11.9619, 14.3641 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(70, 103, 102) }
```


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

```
.border{ border-color:rgb(70, 103, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 103, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 103, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 103, 102);  
box-shadow:4px 4px 4px 4px rgb(70, 103,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 9.7743, 11.9619, 14.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 103, 102) }
```

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

```
.background{ background-color: rgb(70, 103,  
102) }
```

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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