

Converting Colors

XYZ(10.0356, 12.4507, 11.9541)

Have a look what the booklet for
XYZ(10.0356, 12.4507, 11.9541)
contains.

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Color

**XYZ(10.0439, 12.4536,
11.9996)**

Conversions

Conversions Part 1

Format	Color
Hex	4D695C
RGB	77, 105, 92
RGB Percent	30%, 41%, 36%
CMY	0.6980, 0.5882, 0.6392
CMYK	0.27, 0.00, 0.12, 0.59
HSL	152°, 15%, 36%
HSV	152°, 27%, 41%
XYZ	10.0439, 12.4536, 11.9996
YIQ	95.1460, -12.5150, -9.9790

Conversions

Conversions Part 2

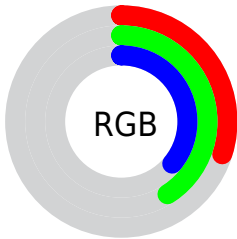
Format	Color
RYB	77, 95, 105
Decimal	5073244
CIELab	41.93, -13.30, 3.99
CIElCh	42, 13.888, 163.313
Yxy	12.4536, 0.2912, 0.3610
Android (android.graphics.Color)	4283263324 (0xFF4D695C)
YUV	95.1460, -1.5510, -15.9140
Hunter-Lab	35.2897, -10.9535, 4.5423

Details

The XYZ color **10.0439, 12.4536, 11.9996** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.3255, 9.0495, 10.8759**, and the grayscale version is **10.9182, 11.4868, 12.5092**.

A 20% lighter version of the original color is **25.5233, 30.2420, 30.0832**, and **2.5713, 3.5147, 3.1276** is the 20% darker color. If you saturate the color by 10%, you get **9.0579, 11.9695, 10.8766**, and if you desaturate by 10%, it is **11.1811, 13.0148, 13.2018**.

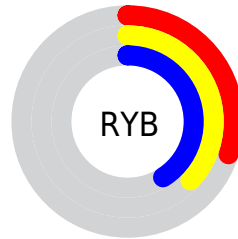
Distribution



Red (30%)

Green (41%)

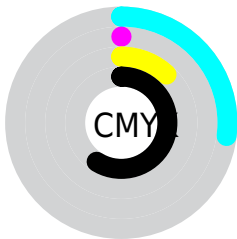
Blue (36%)



Red (30%)

Yellow (37%)

Blue (41%)

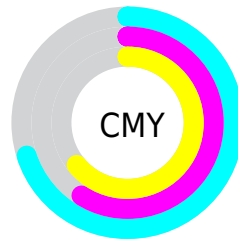


Cyan (27%)

Magenta (0%)

Yellow (12%)

Black (59%)



Cyan (70%)

Magenta (59%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0439, 12.4536, 11.9996 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 10.0439, 12.4536, 11.9996 by changing the saturation by 10% instead.

■ 10.0439, 12.4536,
11.9996

■ 10.0439, 12.4536,
11.9996

185.0322,
207.3855, 215.3805

■ 5.4906, 7.0534,
6.6209

■ 25.5270, 30.3186,
30.1588

■ 2.5756, 3.4955,
3.1513

■ 37.1874, 43.5522,
43.7763

■ 0.9335, 1.3956,
1.1724

■ 51.9476, 60.1657,
60.9771

■ 0.0000, 0.2135,
0.0000

■ 70.1729, 80.5434,
82.1799

■ 0.0000, 0.0000,
0.0000

■ 92.2286, 105.0699,
107.8030

118.4802,

134.1295, 138.2652

149.2929,
168.1066, 173.9848

■ 10.0439, 12.4536,
11.9996

■ 10.0439, 12.4536,
11.9996

■ 9.0579, 11.9695,
10.8766

■ 11.1811, 13.0148,
13.2018

■ 8.2152, 11.5573,
9.8304

■ 12.4749, 13.6547,
14.4840

■ 7.5089, 11.2140,
8.8594

■ 13.9316, 14.3770,
15.8480

■ 6.9310, 10.9353,
7.9620

■ 15.5568, 15.1844,
17.2954

■ 6.4724, 10.7167,
7.1362

■ 17.3559, 16.0799,
18.8275

■ 6.1231, 10.5530,
6.3800

■ 19.3342, 17.0659,
20.4458

■ 5.8561, 10.4303,
5.6906

■ 21.4964, 18.1451,
22.1516

■ 5.7717, 10.3915,
5.4748

■ 23.8473, 19.3197,
23.9464

■ 26.3915, 20.5922,
25.8315

Harmonies

Analogous

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



10.5330, 12.4536, 9.8465



10.0439, 12.4536, 11.9996



10.0169, 12.4536, 14.9045

Triad

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



10.0439, 12.4536, 11.9996



12.2974, 12.4536, 19.8427



13.3328, 12.4536, 10.0380

Complementary

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



10.0439, 12.4536, 11.9996



10.3255, 9.0495, 10.8759

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.



13.8647, 12.4536, 12.2986



10.0439, 12.4536, 11.9996



13.2440, 12.4536, 18.1060

Square

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



10.0439, 12.4536, 11.9996



11.2786, 12.4536, 19.7317



13.8312, 12.4536, 15.2498



12.4130, 12.4536, 8.8313

Rectangle

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



10.0439, 12.4536, 11.9996



10.2618, 12.4536, 16.9097



13.8312, 12.4536, 15.2498



13.5652, 12.4536, 10.6845

Sweetspot

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



10.0442, 12.4541, 11.9999



21.9559, 24.2608, 25.5659



10.6145, 12.8165, 8.9358



5.0765, 5.6501, 5.9238



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.



10.0442, 12.4541, 11.9999



16.8494, 21.7415, 20.2123



10.5678, 12.5123, 15.2233



3.1254, 3.4693, 3.6442



7.2889, 13.1496, 6.8325



36.6978, 66.8262, 32.4853

Inverse Universe

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



10.3255, 9.0495, 10.8759



17.4448, 14.5356, 17.8344



9.8853, 8.9787, 8.2334



3.1528, 3.1380, 3.5348



8.0533, 4.0735, 3.9093



40.6047, 20.5838, 17.6528

Previews

White Background



This preview shows how the XYZ color 10.0439, 12.4536, 11.9996 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 10.0439, 12.4536, 11.9996 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 10.0439, 12.4536, 11.9996

Background



This preview shows how black text looks on a background with the XYZ color 10.0439, 12.4536, 11.9996.



This preview shows how white text looks on a background with the XYZ color 10.0439, 12.4536,

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

10.0439, 12.4536, 11.9996

Protanopia

11.7227, 12.3235, 10.9933

Deuteranopia

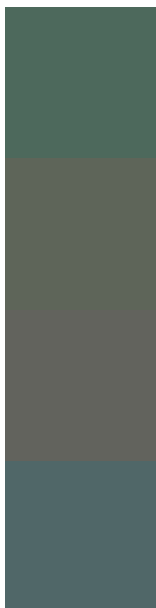
12.5430, 12.3076, 12.3042



Tritanopia

11.0140, 12.3998, 16.8518

Trichromacy



Original Color

10.0439, 12.4536, 11.9996

Protanomaly

11.0729, 12.4083, 11.2626

Deuteranomaly

11.4746, 12.3107, 12.1273

Tritanomaly

10.6572, 12.4054, 14.9295

Monochromacy



Original Color

10.0439, 12.4536, 11.9996

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.5067, 11.8065, 12.3148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0439, 12.4536, 11.9996 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(77, 105, 92)` looks like.

```
.text, #text, p{  
    color:rgb(77, 105, 92)  
}
```

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(77, 105, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 105, 92) }
```

Border

The CSS property to change the border of an element to XYZ 10.0439, 12.4536, 11.9996 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(77, 105, 92) }
```


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

```
.border{ border-color:rgb(77, 105, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 105, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 105, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 105, 92);  
box-shadow:4px 4px 4px 4px rgb(77, 105,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0439, 12.4536, 11.9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 105, 92) }
```

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

```
.background{ background-color: rgb(77, 105,  
92) }
```

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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