

Converting Colors

XYZ(10.1739, 12.5001, 7.5507)

Have a look what the booklet for
XYZ(10.1739, 12.5001, 7.5507)
contains.

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Color

**XYZ(10.1443, 12.4541,
7.4995)**

Conversions

Conversions Part 1

Format	Color
Hex	596845
RGB	89, 104, 69
RGB Percent	35%, 41%, 27%
CMY	0.6510, 0.5921, 0.7294
CMYK	0.14, 0.00, 0.34, 0.59
HSL	86°, 20%, 34%
HSV	86°, 34%, 41%
XYZ	10.1443, 12.4541, 7.4995
YIQ	95.5250, 2.2950, -14.0650

Conversions

Conversions Part 2

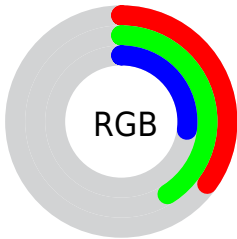
Format	Color
RYB	69, 104, 84
Decimal	5859397
CIELab	41.93, -12.52, 17.90
CIELCh	42, 21.841, 124.980
Yxy	12.4541, 0.3370, 0.4138
Android (android.graphics.Color)	4284049477 (0xFF596845)
YUV	95.5250, -13.0768, -5.7224
Hunter-Lab	35.2904, -10.4479, 12.1036

Details

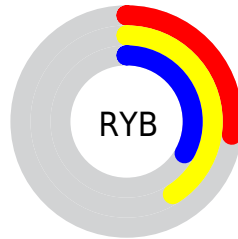
The XYZ color **10.1443, 12.4541, 7.4995** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.2835, 7.1409, 14.0391**, and the grayscale version is **11.0338, 11.6084, 12.6415**.

A 20% lighter version of the original color is **25.6388, 30.2397, 21.6251**, and **2.6349, 3.5100, 1.4583** is the 20% darker color. If you saturate the color by 10%, you get **9.4346, 12.1227, 5.9263**, and if you desaturate by 10%, it is **10.9372, 12.8226, 9.3726**.

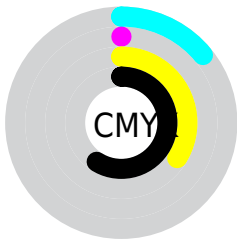
Distribution



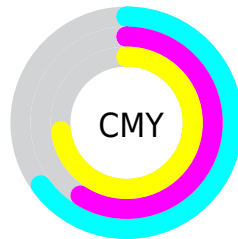
- Red (35%)
- Green (41%)
- Blue (27%)



- Red (27%)
- Yellow (41%)
- Blue (33%)



- Cyan (14%)
- Magenta (0%)
- Yellow (34%)
- Black (59%)



- Cyan (65%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1443, 12.4541, 7.4995 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 10.1443, 12.4541, 7.4995 by changing the saturation by 10% instead.

■ 10.1443, 12.4541,
7.4995

■ 10.1443, 12.4541,
7.4995

185.7311,
207.3888, 181.5374

■ 5.5577, 7.0537,
3.6933

■ 25.7138, 30.3195,
21.5010

■ 2.6162, 3.4957,
1.4586

■ 37.4274, 43.5533,
32.5333

■ 0.9542, 1.3957,
0.1868

■ 52.2474, 60.1671,
46.8114

■ 0.0000, 0.2135,
0.0000

■ 70.5392, 80.5452,
64.7538

■ 0.0000, 0.0000,
0.0000

■ 92.6681, 105.0720,
86.7791

118.9995,

134.1320, 113.3057

149.8987,
168.1094, 144.7523

■ 10.1443, 12.4541,
7.4995

■ 10.1443, 12.4541,
7.4995

■ 9.4346, 12.1227,
5.9263

■ 10.9372, 12.8226,
9.3726

■ 8.8036, 11.8253,
4.6366

■ 11.8155, 13.2279,
11.5592

■ 8.2481, 11.5610,
3.6137

■ 12.7825, 13.6718,
14.0732

■ 7.7640, 11.3281,
2.8387

■ 13.8411, 14.1554,
16.9272

■ 7.3467, 11.1247,
2.2904

■ 14.9939, 14.6799,
20.1332

■ 6.9893, 10.9479,
1.9343

■ 16.2435, 15.2464,
23.7029

■ 6.7795, 10.8439,
1.7358

■ 17.5924, 15.8559,
27.6470

■ 19.0429, 16.5094,
31.9761

■ 20.5974, 17.2078,
36.7002

Harmonies

Analogous

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



11.5696, 12.4541, 6.4885



10.1443, 12.4541, 7.4995



9.2397, 12.4541, 10.1353

Triad

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



10.1443, 12.4541, 7.4995



10.5715, 12.4541, 23.3243



15.2092, 12.4541, 12.8027

Complementary

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



10.1443, 12.4541, 7.4995



8.2835, 7.1409, 14.0391

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.



14.8809, 12.4541, 17.6814



10.1443, 12.4541, 7.4995



12.1090, 12.4541, 24.4935

Square

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



10.1443, 12.4541, 7.4995



9.4702, 12.4541, 19.3264



13.7088, 12.4541, 22.2332



14.5691, 12.4541, 9.0731

Rectangle

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



10.1443, 12.4541, 7.4995



9.0048, 12.4541, 12.7968



13.7088, 12.4541, 22.2332



15.2090, 12.4541, 14.3538

Sweetspot

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



10.1446, 12.4546, 7.4998



21.2828, 23.4611, 21.7007



9.9216, 9.6493, 6.9700



5.1506, 5.7047, 5.1866



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.



10.1446, 12.4546, 7.4998



16.8529, 21.4086, 11.0463



8.6912, 11.7054, 7.4317



2.9327, 3.2125, 3.0399



8.3199, 13.3478, 2.1379



42.3769, 69.0921, 11.1026

Inverse Universe

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



8.2835, 7.1409, 14.0391



13.0722, 10.6105, 24.3361



10.0034, 8.0276, 14.1196



2.7936, 2.8157, 3.5282



4.3557, 1.8896, 16.2795



21.7542, 9.3589, 84.8613

Previews

White Background



This preview shows how the XYZ color 10.1443, 12.4541, 7.4995 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 10.1443, 12.4541, 7.4995 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

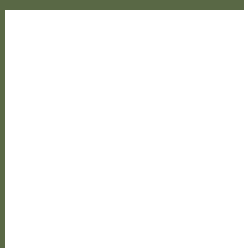
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1443, 12.4541, 7.4995

Background



This preview shows how black text looks on a background with the XYZ color 10.1443, 12.4541, 7.4995.



This preview shows how white text looks on a background with the XYZ color 10.1443, 12.4541,

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

10.1443, 12.4541, 7.4995

Protanopia

11.5384, 12.4547, 7.1061

Deuteranopia

12.5657, 12.4213, 7.6965



Tritanopia

11.7318, 12.3649, 15.6783

Trichromacy



Original Color

10.1443, 12.4541, 7.4995

Protanomaly

10.9526, 12.4340, 7.2916

Deuteranomaly

11.5366, 12.3034, 7.5611

Tritanomaly

11.0431, 12.3730, 12.1621

Monochromacy



Original Color

10.1443, 12.4541, 7.4995

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.6558, 11.9227, 10.5438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1443, 12.4541, 7.4995 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(89, 104, 69) looks like.

```
.text, #text, p{  
    color:rgb(89, 104, 69)  
}
```

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(89, 104, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 104, 69) }
```

Border

The CSS property to change the border of an element to XYZ 10.1443, 12.4541, 7.4995 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(89, 104, 69) }
```


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

```
.border{ border-color:rgb(89, 104, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 104, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 104, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 104, 69);  
box-shadow:4px 4px 4px 4px rgb(89, 104,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1443, 12.4541, 7.4995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 104, 69) }
```

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

```
.background{ background-color: rgb(89, 104,  
69) }
```

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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