

Converting Colors

XYZ(10.0115, 11.9489, 7.2475)

Have a look what the booklet for
XYZ(10.0115, 11.9489, 7.2475)
contains.

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Color

**XYZ(10.0115, 11.9489,
7.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6544
RGB	91, 101, 68
RGB Percent	36%, 40%, 27%
CMY	0.6431, 0.6039, 0.7333
CMYK	0.10, 0.00, 0.33, 0.60
HSL	78°, 20%, 33%
HSV	78°, 33%, 40%
XYZ	10.0115, 11.9489, 7.2475
YIQ	94.2480, 4.6330, -12.3830

Conversions

Conversions Part 2

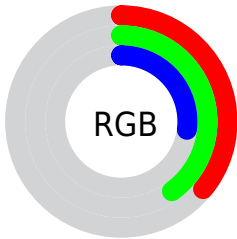
Format	Color
RYB	68, 101, 78
Decimal	5989700
CIELab	41.13, -10.14, 17.45
CIElCh	41, 20.185, 120.148
Yxy	11.9489, 0.3428, 0.4091
Android (android.graphics.Color)	4284179780 (0xFF5B6544)
YUV	94.2480, -12.9403, -2.8485
Hunter-Lab	34.5672, -8.7946, 11.7660

Details

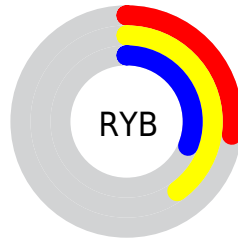
The XYZ color **10.0115, 11.9489, 7.2475** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.5584, 6.6938, 13.2063**, and the grayscale version is **10.7273, 11.2859, 12.2904**.

A 20% lighter version of the original color is **25.5360, 29.4682, 20.8650**, and **2.5662, 3.2622, 1.3586** is the 20% darker color. If you saturate the color by 10%, you get **9.4339, 11.6841, 5.7478**, and if you desaturate by 10%, it is **10.6551, 12.2423, 9.0282**.

Distribution



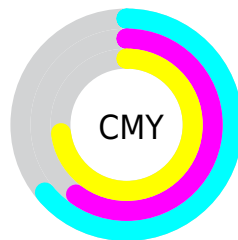
- Red (36%)
- Green (40%)
- Blue (27%)



- Red (27%)
- Yellow (40%)
- Blue (31%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0115, 11.9489, 7.2475 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 10.0115, 11.9489, 7.2475 by changing the saturation by 10% instead.

■ 10.0115, 11.9489,
7.2475

■ 10.0115, 11.9489,
7.2475

184.8060,
204.0667, 179.4129

■ 5.4689, 6.7089,
3.5366

■ 25.4666, 29.4020,
20.9907

■ 2.5625, 3.2807,
1.3747

■ 37.1098, 42.3839,
31.8601

■ 0.9269, 1.2800,
0.1219

■ 51.8507, 58.7152,
45.9526

■ 0.0000, 0.1256,
0.0000

■ 70.0544, 78.7803,
63.6870

■ 0.0000, 0.0000,
0.0000

■ 92.0865, 102.9636,
85.4817

118.3122,

131.6495, 111.7552

149.0969,
165.2224, 142.9261

■ 10.0115, 11.9489,
7.2475

■ 10.0115, 11.9489,
7.2475

■ 9.4339, 11.6841,
5.7478

■ 10.6551, 12.2423,
9.0282

■ 8.9186, 11.4452,
4.5138

■ 11.3666, 12.5639,
11.1023

■ 8.4628, 11.2316,
3.5303

■ 12.1487, 12.9153,
13.4827

■ 8.0630, 11.0416,
2.7799

■ 13.0038, 13.2973,
16.1810

■ 7.7154, 10.8740,
2.2433

■ 13.9342, 13.7108,
19.2084

■ 7.4145, 10.7263,
1.8921

■ 14.9420, 14.1569,
22.5756

■ 7.2081, 10.6246,
1.6708

■ 16.0292, 14.6362,
26.2926

■ 17.1978, 15.1496,
30.3691

■ 18.4498, 15.6979,
34.8145

Harmonies

Analogous

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



11.3499, 11.9489, 6.5395



10.0115, 11.9489, 7.2475



9.1031, 11.9489, 9.4216

Triad

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



10.0115, 11.9489, 7.2475



10.0230, 11.9489, 21.2526



14.3848, 11.9489, 12.9897

Complementary

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



10.0115, 11.9489, 7.2475



7.5584, 6.6938, 13.2063

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.



13.9553, 11.9489, 17.4111



10.0115, 11.9489, 7.2475



11.3643, 11.9489, 22.7587

Square

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



10.0115, 11.9489, 7.2475



9.1094, 11.9489, 17.4545



12.8181, 11.9489, 21.2240



13.9471, 11.9489, 9.3928

Rectangle

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



10.0115, 11.9489, 7.2475



8.8219, 11.9489, 11.6893



12.8181, 11.9489, 21.2240



14.3366, 11.9489, 14.4273

Sweetspot

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



10.0118, 11.9494, 7.2478



19.8230, 21.7079, 19.9887



9.1279, 8.6190, 6.6515



4.8454, 5.3268, 4.8218



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.0118, 11.9494, 7.2478



16.4406, 20.1710, 10.4872



8.5679, 11.2051, 7.1802



2.9636, 3.2284, 3.0414



9.4082, 13.9088, 2.1888



48.1525, 72.0695, 11.3729

Inverse Universe

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



7.5584, 6.6938, 13.2063



11.5409, 9.6698, 22.3949



9.0737, 7.4750, 13.2772



2.7636, 2.8002, 3.5268



3.7658, 1.5855, 16.2519



18.8441, 7.8587, 84.7251

Previews

White Background



This preview shows how the XYZ color 10.0115, 11.9489, 7.2475 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 10.0115, 11.9489, 7.2475 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 10.0115, 11.9489, 7.2475

Background



This preview shows how black text looks on a background with the XYZ color 10.0115, 11.9489, 7.2475.



This preview shows how white text looks on a background with the XYZ color 10.0115, 11.9489,

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

10.0115, 11.9489, 7.2475

Protanopia

11.0838, 11.9460, 6.8759

Deuteranopia

12.0901, 11.9157, 7.4571



Tritanopia

11.5054, 11.8520, 14.7780

Trichromacy



Original Color

10.0115, 11.9489, 7.2475

Protanomaly

10.6363, 11.8499, 7.0369

Deuteranomaly

11.2009, 11.8596, 7.3290

Tritanomaly

10.8721, 11.8704, 11.6157

Monochromacy



Original Color

10.0115, 11.9489, 7.2475

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.4286, 11.5324, 10.2707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0115, 11.9489, 7.2475 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(91, 101, 68) looks like.

```
.text, #text, p{  
    color:rgb(91, 101, 68)  
}
```

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(91, 101, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 101, 68) }
```

Border

The CSS property to change the border of an element to XYZ 10.0115, 11.9489, 7.2475 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(91, 101, 68) }
```


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

```
.border{ border-color:rgb(91, 101, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 101, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 101, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 101, 68);  
box-shadow:4px 4px 4px 4px rgb(91, 101,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0115, 11.9489, 7.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 101, 68) }
```

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

```
.background{ background-color: rgb(91, 101,  
68) }
```

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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