

Converting Colors

XYZ(11.0084, 14.5441, 3.5965)

Have a look what the booklet for
XYZ(11.0084, 14.5441, 3.5965)
contains.

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Color

**XYZ(10.9973, 14.5718,
3.5995)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7220
RGB	95, 114, 32
RGB Percent	37%, 45%, 13%
CMY	0.6275, 0.5529, 0.8745
CMYK	0.17, 0.00, 0.72, 0.55
HSL	74°, 56%, 29%
HSV	74°, 72%, 45%
XYZ	10.9973, 14.5718, 3.5995
YIQ	98.9710, 14.9980, -29.5300

Conversions

Conversions Part 2

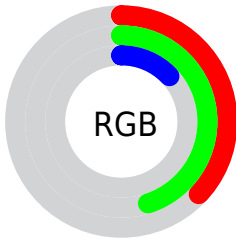
Format	Color
R _Y B	32, 114, 51
Decimal	6255136
CIE Lab	45.04, -19.47, 41.06
CIE LCh	45, 45.439, 115.372
Yxy	14.5718, 0.3770, 0.4996
Android (android.graphics.Color)	4284445216 (0xFF5F7220)
YUV	98.9710, -33.0167, -3.4826
Hunter-Lab	38.1730, -15.3786, 21.1304

Details

The XYZ color **10.9973, 14.5718, 3.5995** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.9196, 2.9521, 16.2310**, and the grayscale version is **11.9307, 12.5520, 13.6691**.

A 20% lighter version of the original color is **27.3720, 34.1775, 13.1369**, and **3.0749, 4.4773, 0.7021** is the 20% darker color. If you saturate the color by 10%, you get **10.5988, 14.3817, 2.9076**, and if you desaturate by 10%, it is **11.4595, 14.7895, 4.5751**.

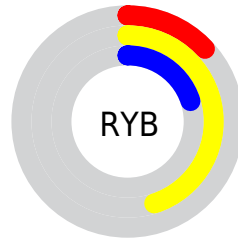
Distribution



Red (37%)

Green (45%)

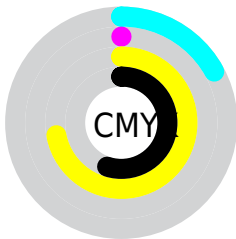
Blue (13%)



Red (13%)

Yellow (45%)

Blue (20%)

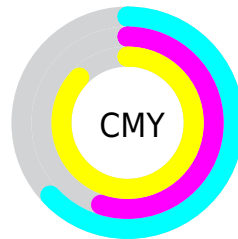


Cyan (17%)

Magenta (0%)

Yellow (72%)

Black (55%)



Cyan (63%)

Magenta (55%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9973, 14.5718, 3.5995 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 10.9973, 14.5718, 3.5995 by changing the saturation by 10% instead.

■ 10.9973, 14.5718,
3.5995

■ 10.9973, 14.5718,
3.5995

191.5577,
220.7596, 143.6640

■ 6.1323, 8.5194,
1.4083

■ 27.2882, 34.1002,
13.0750

■ 2.9671, 4.4291,
0.1482

■ 39.4448, 48.3450,
21.1964

■ 1.1364, 1.9164,
0.0000

■ 54.7626, 66.0895,
32.1317

■ 0.0552, 0.5582,
0.0000

■ 73.6070, 87.7179,
46.2992

■ 0.0000, 0.0000,
0.0000

■ 96.3433, 113.6148,
64.1177

■ 123.3370,

144.1644, 86.0057

154.9533,
179.7512, 112.3816

10.9973, 14.5718,
3.5995

10.9973, 14.5718,
3.5995

10.5988, 14.3817,
2.9076

11.4595, 14.7895,
4.5751

10.2569, 14.2149,
2.4674

11.9895, 15.0348,
5.8598

10.0028, 14.0897,
2.1924

12.5920, 15.3102,
7.4773

13.2712, 15.6174,
9.4485

14.0308, 15.9579,
11.7928

■ 14.8744, 16.3331,
14.5281

■ 15.8051, 16.7443,
17.6712

■ 16.8261, 17.1928,
21.2379

■ 17.9403, 17.6797,
25.2432

Harmonies

Analogous

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



14.4372, 14.5718, 2.9331



10.9973, 14.5718, 3.5995



8.7449, 14.5718, 6.8191

Triad

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



10.9973, 14.5718, 3.5995



10.1595, 14.5718, 39.4953



22.3041, 14.5718, 17.5830

Complementary

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



10.9973, 14.5718, 3.5995



4.9196, 2.9521, 16.2310

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.



20.6334, 14.5718, 30.6435



10.9973, 14.5718, 3.5995



13.2791, 14.5718, 46.4290

Square

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



10.9973, 14.5718, 3.5995



8.3256, 14.5718, 26.4013



17.1579, 14.5718, 42.6201



21.3979, 14.5718, 8.5892

Rectangle

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



10.9973, 14.5718, 3.5995



8.0026, 14.5718, 11.2215



17.1579, 14.5718, 42.6201



22.0179, 14.5718, 21.6427

Sweetspot

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



10.9976, 14.5725, 3.5998



24.5655, 28.0013, 20.4391



8.3313, 5.9434, 2.0748



5.6179, 6.4474, 4.5281



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.9976, 14.5725, 3.5998



18.2356, 25.0827, 4.5756



7.8669, 12.9585, 3.4533



3.5700, 3.8792, 3.6339



11.1195, 15.6760, 2.4397



54.6097, 77.6864, 12.1167

Inverse Universe

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



4.9196, 2.9521, 16.2310



6.9246, 3.3433, 28.2558



7.8457, 4.4606, 16.3679



3.2833, 3.3343, 4.2248



3.8538, 1.5961, 17.8266



18.5484, 7.6164, 88.7716

Previews

White Background



This preview shows how the XYZ color 10.9973, 14.5718, 3.5995 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 10.9973, 14.5718, 3.5995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

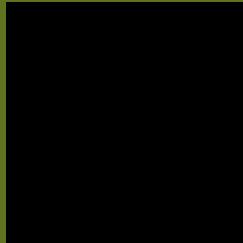
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9973, 14.5718, 3.5995

Background



This preview shows how black text looks on a background with the XYZ color 10.9973, 14.5718, 3.5995.



This preview shows how white text looks on a background with the XYZ color 10.9973, 14.5718,

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

10.9973, 14.5718, 3.5995

Protanopia

13.0998, 14.5311, 3.3426

Deuteranopia

14.6605, 14.4275, 3.7624



Tritanopia

13.9575, 14.4889, 18.2807

Trichromacy



Original Color

10.9973, 14.5718, 3.5995

Protanomaly

12.2537, 14.5658, 3.4620

Deuteranomaly

13.0652, 14.3514, 3.6716

Tritanomaly

12.4752, 14.3599, 10.7085

Monochromacy



Original Color

10.9973, 14.5718, 3.5995

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.2573, 13.0053, 8.5736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9973, 14.5718, 3.5995 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(95, 114, 32)` looks like.

```
.text, #text, p{  
    color:rgb(95, 114, 32)  
}
```

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(95, 114, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 114, 32) }
```

Border

The CSS property to change the border of an element to XYZ 10.9973, 14.5718, 3.5995 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(95, 114, 32) }
```


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

```
.border{ border-color:rgb(95, 114, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 114, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 114, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 114, 32);  
box-shadow:4px 4px 4px 4px rgb(95, 114,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9973, 14.5718, 3.5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 114, 32) }
```

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

```
.background{ background-color: rgb(95, 114,  
32) }
```

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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