

Converting Colors

XYZ(10.9476, 15.5559, 14.5609)

Have a look what the booklet for
XYZ(10.9476, 15.5559, 14.5609)
contains.

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Color

**XYZ(10.9413, 15.5247,
14.4765)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7964
RGB	59, 121, 100
RGB Percent	23%, 47%, 39%
CMY	0.7686, 0.5255, 0.6078
CMYK	0.51, 0.00, 0.17, 0.53
HSL	160°, 34%, 35%
HSV	160°, 51%, 47%
XYZ	10.9413, 15.5247, 14.4765
YIQ	100.0680, -30.2110, -19.6750

Conversions

Conversions Part 2

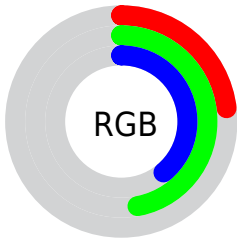
Format	Color
RYB	59, 96, 121
Decimal	3897700
CIELab	46.34, -25.50, 5.41
CIELCh	46, 26.067, 168.015
Yxy	15.5247, 0.2672, 0.3792
Android (android.graphics.Color)	4282087780 (0xFF3B7964)
YUV	100.0680, -0.0335, -36.0166
Hunter-Lab	39.4014, -19.3851, 5.7972

Details

The XYZ color **10.9413, 15.5247, 14.4765** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **10.8977, 7.7725, 8.5160**, and the grayscale version is **12.1365, 12.7685, 13.9049**.

A 20% lighter version of the original color is **27.2775, 35.8860, 34.7672**, and **2.9600, 4.8918, 4.1564** is the 20% darker color. If you saturate the color by 10%, you get **10.1123, 15.1201, 13.4283**, and if you desaturate by 10%, it is **11.9475, 16.0203, 15.5858**.

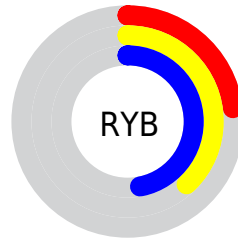
Distribution



Red (23%)

Green (47%)

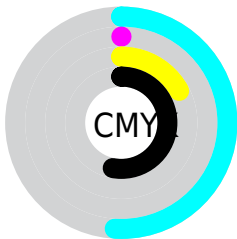
Blue (39%)



Red (23%)

Yellow (38%)

Blue (47%)

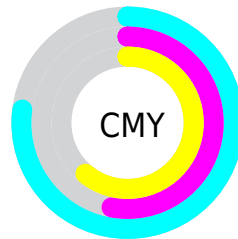


Cyan (51%)

Magenta (0%)

Yellow (17%)

Black (53%)



Cyan (77%)


Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.9413, 15.5247, 14.4765 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 10.9413, 15.5247, 14.4765 by changing the saturation by 10% instead.


 10.9413, 15.5247,
14.4765


 10.9413, 15.5247,
14.4765


191.1810,
226.5205, 231.7059

 6.0944, 9.1885,
8.3103

 27.1855, 35.7711,
34.6614


 2.9438, 4.8643,
4.2035

 39.3135, 50.4500,
49.5171


 1.1241, 2.1679,
1.7377

 54.5992, 68.6786,
68.1064

 0.0451, 0.7024,
0.3863

 73.4079, 90.8412,
90.8479

 0.0000, 0.0000,
0.0000

 96.1052, 117.3224,
118.1601

 123.0562,

148.5063, 150.4614

154.6263,
184.7776, 188.1705

■ 10.9413, 15.5247,
14.4765

■ 10.9413, 15.5247,
14.4765

■ 10.1123, 15.1201,
13.4283

■ 11.9475, 16.0203,
15.5858

■ 9.4473, 14.7985,
12.4387

■ 13.1402, 16.6105,
16.7564

■ 8.9335, 14.5537,
11.5069

■ 14.5297, 17.3010,
17.9898

■ 8.5553, 14.3777,
10.6311

■ 16.1251, 18.0964,
19.2871

■ 8.2862, 14.2547,
9.9071

■ 17.9350, 19.0011,
20.6494

■ 19.9673, 20.0193,
22.0778

■ 22.2296, 21.1548,
23.5734

■ 24.7293, 22.4114,
25.1371

■ 27.4732, 23.7926,
26.7698

Harmonies

Analogous

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



11.7885, 15.5247, 9.9397



10.9413, 15.5247, 14.4765



11.0374, 15.5247, 20.9994

Triad

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



10.9413, 15.5247, 14.4765



16.1240, 15.5247, 31.5030



17.8186, 15.5247, 9.3114

Complementary

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



10.9413, 15.5247, 14.4765



10.8977, 7.7725, 8.5160

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.



19.2275, 15.5247, 13.3786



10.9413, 15.5247, 14.4765



18.1833, 15.5247, 26.5368

Square

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



10.9413, 15.5247, 14.4765



13.8819, 15.5247, 32.0128



19.3674, 15.5247, 19.5882



15.6655, 15.5247, 7.5021

Rectangle

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



10.9413, 15.5247, 14.4765



11.6247, 15.5247, 25.6650



19.3674, 15.5247, 19.5882



18.4039, 15.5247, 10.4048

Sweetspot

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



10.9417, 15.5253, 14.4769



27.6473, 31.7920, 33.5618



10.9950, 15.7273, 6.5942



6.2115, 7.2144, 7.5844



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.9417, 15.5253, 14.4769



17.9386, 26.9927, 23.8119



11.0165, 13.8332, 20.1794



4.0521, 4.4905, 4.8081



8.8742, 15.2733, 10.5884



41.9212, 72.6915, 48.3503

Inverse Universe

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



10.8977, 7.7725, 8.5160



17.8594, 11.5016, 11.9454



10.7604, 8.5518, 5.2215



4.0491, 4.0354, 4.4564



8.8739, 4.5257, 2.6269



41.9682, 21.4436, 10.6285

Previews

White Background



This preview shows how the XYZ color 10.9413, 15.5247, 14.4765 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 10.9413, 15.5247, 14.4765 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 10.9413, 15.5247, 14.4765

Background



This preview shows how black text looks on a background with the XYZ color 10.9413, 15.5247, 14.4765.



This preview shows how white text looks on a background with the XYZ color 10.9413, 15.5247,

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

10.9413, 15.5247, 14.4765

Protanopia

14.5593, 15.3903, 12.7929

Deuteranopia

15.6283, 15.4249, 14.9856



Tritanopia

12.5068, 15.4482, 22.4013

Trichromacy



Original Color

10.9413, 15.5247, 14.4765

Protanomaly

12.7358, 15.0877, 13.3073

Deuteranomaly

13.2283, 14.9808, 14.7648

Tritanomaly

11.8037, 15.3312, 19.1667

Monochromacy



Original Color

10.9413, 15.5247, 14.4765

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.4091, 13.5765, 14.0758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9413, 15.5247, 14.4765 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(59, 121, 100)` looks like.

```
.text, #text, p{  
    color:rgb(59, 121, 100)  
}
```

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(59, 121, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 121, 100) }
```

Border

The CSS property to change the border of an element to XYZ 10.9413, 15.5247, 14.4765 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(59, 121, 100) }
```


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

```
.border{ border-color:rgb(59, 121, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 121, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 121, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 121, 100);  
box-shadow:4px 4px 4px 4px rgb(59, 121,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9413, 15.5247, 14.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 121, 100) }
```

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

```
.background{ background-color: rgb(59, 121,  
100) }
```

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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