

Converting Colors

XYZ(10.5374, 12.5000, 12.9638)

Have a look what the booklet for
XYZ(10.5374, 12.5000, 12.9638)
contains.

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Color

**XYZ(10.5413, 12.5390,
12.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	526860
RGB	82, 104, 96
RGB Percent	32%, 41%, 38%
CMY	0.6784, 0.5921, 0.6235
CMYK	0.21, 0.00, 0.08, 0.59
HSL	158°, 12%, 36%
HSV	158°, 21%, 41%
XYZ	10.5413, 12.5390, 12.9310
YIQ	96.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

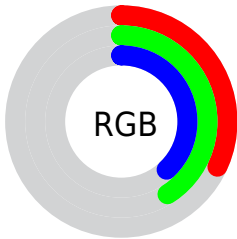
Format	Color
R_{YB}	82, 95, 104
Decimal	5400672
CIE Lab	42.06, -10.03, 1.80
CIE LCh	42, 10.192, 169.849
Yxy	12.5390, 0.2927, 0.3482
Android (android.graphics.Color)	4283590752 (0xFF526860)
YUV	96.5100, -0.2514, -12.7253
Hunter-Lab	35.4105, -8.8308, 3.1361

Details

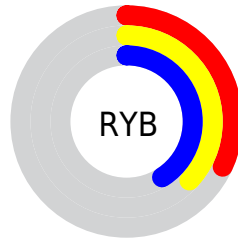
The XYZ color **10.5413, 12.5390, 12.9310** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.5721, 9.7161, 10.9916**, and the grayscale version is **11.2450, 11.8306, 12.8836**.

A 20% lighter version of the original color is **26.4254, 30.4235, 31.6737**, and **2.8018, 3.5499, 3.5551** is the 20% darker color. If you saturate the color by 10%, you get **9.5347, 12.0401, 11.9968**, and if you desaturate by 10%, it is **11.6941, 13.1130, 13.9164**.

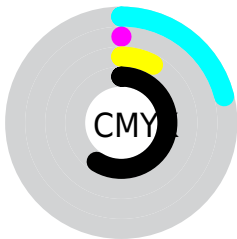
Distribution



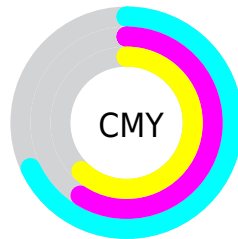
- Red (32%)
- Green (41%)
- Blue (38%)



- Red (32%)
- Yellow (37%)
- Blue (41%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (59%)



- Cyan (68%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5413, 12.5390, 12.9310 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 10.5413, 12.5390, 12.9310 by changing the saturation by 10% instead.

■ 10.5413, 12.5390,
12.9310

■ 10.5413, 12.5390,
12.9310

188.4670,
207.9417, 221.6673

■ 5.8243, 7.1119,
7.2509

■ 26.4493, 30.4731,
31.8691

■ 2.7782, 3.5322,
3.5387

■ 38.3710, 43.7488,
45.9642

■ 1.0376, 1.4155,
1.3758

■ 53.4251, 60.4095,
63.7014

■ 0.0000, 0.2281,
0.1228

■ 71.9767, 80.8396,
85.4992

■ 0.0000, 0.0000,
0.0000

■ 94.3914, 105.4234,
111.7761

121.0344,

134.5455, 142.9507

152.2712,
168.5901, 179.4416

■ 10.5413, 12.5390,
12.9310

■ 10.5413, 12.5390,
12.9310

■ 9.5347, 12.0401,
11.9968

■ 11.6941, 13.1130,
13.9164

■ 8.6669, 11.6114,
11.1119

■ 12.9980, 13.7636,
14.9529

■ 7.9317, 11.2501,
10.2758

■ 14.4588, 14.4941,
16.0417

■ 7.3216, 10.9524,
9.4874

■ 16.0817, 15.3071,
17.1836

■ 6.8287, 10.7142,
8.7458

■ 17.8719, 16.2054,
18.3793

■ 6.4437, 10.5308,
8.0497

■ 19.8340, 17.1913,
19.6298

■ 6.1562, 10.3967,
7.3982

■ 21.9728, 18.2671,
20.9357

■ 5.9392, 10.2966,
6.8563

■ 24.2925, 19.4353,
22.2977

■ 26.7975, 20.6978,
23.7167

Harmonies

Analogous

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



10.8392, 12.5390, 11.1365



10.5413, 12.5390, 12.9310



10.6001, 12.5390, 15.1184

Triad

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



10.5413, 12.5390, 12.9310



12.4192, 12.5390, 17.9630



12.8817, 12.5390, 10.7069

Complementary

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



10.5413, 12.5390, 12.9310



10.5721, 9.7161, 10.9916

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.



13.3407, 12.5390, 12.2852



10.5413, 12.5390, 12.9310



13.0659, 12.5390, 16.5222

Square

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



10.5413, 12.5390, 12.9310



11.6632, 12.5390, 18.1830



13.4095, 12.5390, 14.4011



12.1764, 12.5390, 9.9455

Rectangle

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



10.5413, 12.5390, 12.9310



10.8346, 12.5390, 16.5031



13.4095, 12.5390, 14.4011



13.0712, 12.5390, 11.1512

Sweetspot

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



10.5417, 12.5395, 12.9313



21.6220, 23.5565, 25.3092



10.6966, 12.6874, 9.8679



5.2513, 5.7352, 6.1557



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.



10.5417, 12.5395, 12.9313



17.6589, 21.5841, 21.9291



10.6389, 12.1141, 14.8749



2.8635, 3.1692, 3.3826



7.3054, 12.6858, 8.3699



37.6716, 65.9912, 41.3885

Inverse Universe

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



10.5721, 9.7161, 10.9916



17.7222, 15.7482, 17.9211



10.4755, 10.0391, 9.3684



2.8668, 2.8614, 3.1711



7.4505, 3.7932, 2.5050



38.4695, 19.6278, 11.0157

Previews

White Background



This preview shows how the XYZ color 10.5413, 12.5390, 12.9310 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 10.5413, 12.5390, 12.9310 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 10.5413, 12.5390, 12.9310

Background



This preview shows how black text looks on a background with the XYZ color 10.5413, 12.5390, 12.9310.



This preview shows how white text looks on a background with the XYZ color 10.5413, 12.5390,

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

10.5413, 12.5390, 12.9310

Protanopia

11.9171, 12.5388, 12.1481

Deuteranopia

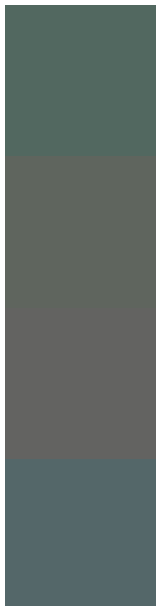
12.6942, 12.4988, 13.2987



Tritanopia

11.3122, 12.5598, 16.5799

Trichromacy



Original Color

10.5413, 12.5390, 12.9310

Protanomaly

11.3934, 12.5484, 12.4113

Deuteranomaly

11.7651, 12.4394, 13.0902

Tritanomaly

11.0562, 12.6052, 15.2149

Monochromacy



Original Color

10.5413, 12.5390, 12.9310

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1285, 12.2527, 13.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5413, 12.5390, 12.9310 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(82, 104, 96) looks like.

```
.text, #text, p{  
    color:rgb(82, 104, 96)  
}
```

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(82, 104, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 104, 96) }
```

Border

The CSS property to change the border of an element to XYZ 10.5413, 12.5390, 12.9310 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(82, 104, 96) }
```


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

```
.border{ border-color:rgb(82, 104, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 104, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 104, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 104, 96);  
box-shadow:4px 4px 4px 4px rgb(82, 104,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5413, 12.5390, 12.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 104, 96) }
```

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

```
.background{ background-color: rgb(82, 104,  
96) }
```

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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