

Converting Colors

XYZ(10.5552, 13.6343, 12.9175)

Have a look what the booklet for
XYZ(10.5552, 13.6343, 12.9175)
contains.

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Color

**XYZ(10.5740, 13.6509,
12.9041)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6F5F
RGB	74, 111, 95
RGB Percent	29%, 44%, 37%
CMY	0.7098, 0.5647, 0.6274
CMYK	0.33, 0.00, 0.14, 0.56
HSL	154°, 20%, 36%
HSV	154°, 33%, 44%
XYZ	10.5740, 13.6509, 12.9041
YIQ	98.1130, -16.9160, -12.8200

Conversions

Conversions Part 2

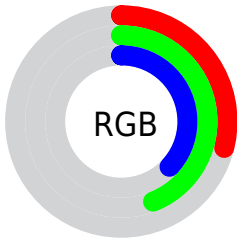
Format	Color
R_{YB}	74, 98, 111
Decimal	4878175
CIE _{Lab}	43.73, -16.97, 4.74
CIE _{LCh}	44, 17.623, 164.397
Yxy	13.6509, 0.2848, 0.3677
Android (android.graphics.Color)	4283068255 (0xFF4A6F5F)
YUV	98.1130, -1.5347, -21.1471
Hunter-Lab	36.9471, -13.5721, 5.1554

Details

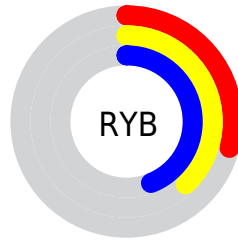
The XYZ color **10.5740, 13.6509, 12.9041** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.8502, 9.0155, 10.8415**, and the grayscale version is **11.6445, 12.2510, 13.3413**.

A 20% lighter version of the original color is **26.5202, 32.5238, 31.6680**, and **2.7839, 4.0098, 3.5330** is the 20% darker color. If you saturate the color by 10%, you get **9.5823, 13.1644, 11.7537**, and if you desaturate by 10%, it is **11.7308, 14.2216, 14.1330**.

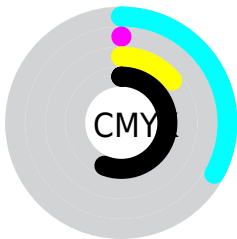
Distribution



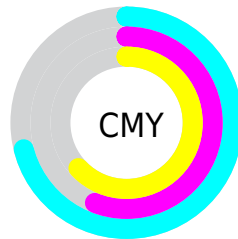
- Red (29%)
- Green (44%)
- Blue (37%)



- Red (29%)
- Yellow (38%)
- Blue (44%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5740, 13.6509, 12.9041 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 10.5740, 13.6509, 12.9041 by changing the saturation by 10% instead.

■ 10.5740, 13.6509,
12.9041

■ 10.5740, 13.6509,
12.9041

188.6904,
215.0481, 221.4883

■ 5.8463, 7.8783,
7.2326

■ 26.5097, 32.4683,
31.8200

■ 2.7916, 4.0172,
3.5273

■ 38.4484, 46.2819,
45.9016

■ 1.0446, 1.6832,
1.3698

■ 53.5215, 63.5445,
63.6235

■ 0.0000, 0.4127,
0.1180

■ 72.0944, 84.6407,
85.4044

■ 0.0000, 0.0000,
0.0000

■ 94.5323, 109.9547,
111.6628

121.2008,

139.8710, 142.8172

152.4650,
174.7740, 179.2862

■ 10.5740, 13.6509,
12.9041

■ 10.5740, 13.6509,
12.9041

■ 9.5823, 13.1644,
11.7537

■ 11.7308, 14.2216,
14.1330

■ 8.7462, 12.7564,
10.6793

■ 13.0591, 14.8788,
15.4411

■ 8.0575, 12.4227,
9.6794

■ 14.5664, 15.6267,
16.8302

■ 7.5061, 12.1584,
8.7523

■ 16.2593, 16.4686,
18.3017

■ 7.0809, 11.9577,
7.8961

■ 18.1443, 17.4078,
19.8572

■ 6.7666, 11.8128,
7.1087

■ 20.2272, 18.4475,
21.4980

■ 6.5819, 11.7282,
6.6195

■ 22.5140, 19.5905,
23.2254

■ 25.0100, 20.8396,
25.0408

■ 27.7207, 22.1977,
26.9454

Harmonies

Analogous

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



11.1985, 13.6509, 10.0508



10.5740, 13.6509, 12.9041



10.5613, 13.6509, 16.8427

Triad

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



10.5740, 13.6509, 12.9041



13.6486, 13.6509, 23.5474



14.9732, 13.6509, 10.1385

Complementary

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



10.5740, 13.6509, 12.9041



10.8502, 9.0155, 10.8415

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.



15.7304, 13.6509, 13.0458



10.5740, 13.6509, 12.9041



14.9296, 13.6509, 21.0096

Square

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



10.5740, 13.6509, 12.9041



12.2712, 13.6509, 23.4910



15.7139, 13.6509, 17.0119



13.7047, 13.6509, 8.6588

Rectangle

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



10.5740, 13.6509, 12.9041



10.8981, 13.6509, 19.6045



15.7139, 13.6509, 17.0119



15.2998, 13.6509, 10.9560

Sweetspot

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



10.5744, 13.6515, 12.9044



24.1753, 27.0344, 28.3948



11.1405, 14.0392, 8.6014



5.7395, 6.4609, 6.7576



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.



10.5744, 13.6515, 12.9044



17.5319, 23.7554, 21.4967



11.1127, 13.4420, 17.0484



3.4169, 3.7920, 4.0019



7.7425, 13.8145, 7.7307



38.1300, 68.6406, 36.1994

Inverse Universe

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



10.8502, 9.0155, 10.8415



18.1083, 14.0797, 17.1955



10.4086, 9.1076, 7.6880



3.4388, 3.4232, 3.8375



8.3409, 4.2287, 3.6052



41.1333, 20.8986, 15.7661

Previews

White Background



This preview shows how the XYZ color 10.5740, 13.6509, 12.9041 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 10.5740, 13.6509, 12.9041 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 10.5740, 13.6509, 12.9041

Background



This preview shows how black text looks on a background with the XYZ color 10.5740, 13.6509, 12.9041.



This preview shows how white text looks on a background with the XYZ color 10.5740, 13.6509,

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

10.5740, 13.6509, 12.9041

Protanopia

12.9229, 13.6440, 11.8500

Deuteranopia

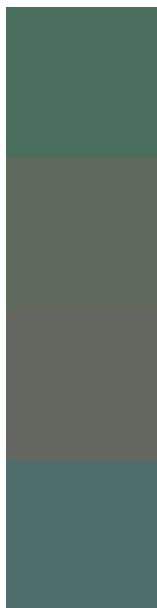
13.6897, 13.4316, 13.1803



Tritanopia

11.7979, 13.6717, 18.8467

Trichromacy



Original Color

10.5740, 13.6509, 12.9041

Protanomaly

11.9097, 13.5676, 12.1163

Deuteranomaly

12.2171, 13.2543, 12.9808

Tritanomaly

11.2895, 13.6192, 16.5017

Monochromacy



Original Color

10.5740, 13.6509, 12.9041

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.1277, 12.6874, 13.1717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5740, 13.6509, 12.9041 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(74, 111, 95)` looks like.

```
.text, #text, p{  
    color:rgb(74, 111, 95)  
}
```

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(74, 111, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 111, 95) }
```

Border

The CSS property to change the border of an element to XYZ 10.5740, 13.6509, 12.9041 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(74, 111, 95) }
```


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

```
.border{ border-color:rgb(74, 111, 95) }
```

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

Here you see how a box with a 4 pixel rgb(74, 111, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 111, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 111, 95);  
box-shadow:4px 4px 4px 4px rgb(74, 111,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5740, 13.6509, 12.9041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 111, 95) }
```

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

```
.background{ background-color: rgb(74, 111,  
95) }
```

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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