Converting Colors

XYZ(11.6548, 14.5417, 9.4390)

Have a look what the booklet for XYZ(11.6548, 14.5417, 9.4390) contains.

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Color

XYZ(11.6939, 14.6356, 9.4164)

Conversions

Conversions Part 1

Format	Color
Hex	5C714E
RGB	92, 113, 78
RGB Percent	36%, 44%, 31%
CMY	0.6392, 0.5569, 0.6941
CMYK	0.19, 0.00, 0.31, 0.56
HSL	96°, 18%, 37%
HSV	96°, 31%, 44%
XYZ	11.6939, 14.6356, 9.4164
YIQ	102.7310, -1.2810, -15.3370

Conversions

Conversions Part 2

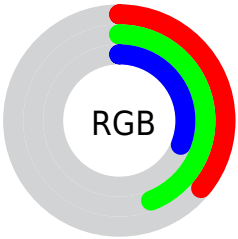
Format	Color
RYB	78, 113, 99
Decimal	6058318
CIELab	45.13, -14.81, 16.95
CIELCh	45, 22.514, 131.147
Yxy	14.6356, 0.3271, 0.4094
Android (android.graphics.Color)	4284248398 (0xFF5C714E)
YUV	102.7310, -12.1924, -9.4111
Hunter-Lab	38.2565, -12.3866, 12.1860

Details

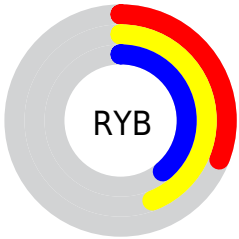
The XYZ color 11.6939, 14.6356, 9.4164 is a dark color, and the websafe version is hex 666633. A complement of this color would be 10.8513, 9.2941, 16.8456, and the grayscale version is 12.8528, 13.5221, 14.7256.

A 20% lighter version of the original color is 28.6136, 34.2822, 25.1877, and 3.2470, 4.4483, 2.1263 is the 20% darker color. If you saturate the color by 10%, you get 10.6759, 14.1541, 7.4326, and if you desaturate by 10%, it is 12.8430, 15.1775, 11.7704.

Distribution

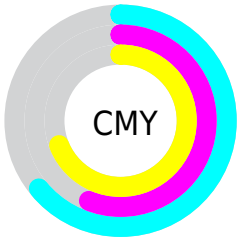


- Red (36%)
- Green (44%)
- Blue (31%)



- Red (31%)
- Yellow (44%)
- Blue (39%)

- Cyan (19%)
- Magenta (0%)
- Yellow (31%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6939, 14.6356, 9.4164 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 11.6939, 14.6356, 9.4164 by changing the saturation by 10% instead.

11.6939, 14.6356, 9.4164

11.6939, 14.6356, 9.4164

196.1797, 221.1499, 196.7856

6.6063, 8.5640, 4.9133

28.5581, 34.2126, 25.2823

3.2613, 4.4579, 2.1386

41.0654, 48.4869, 37.4821

1.2934, 1.9329, 0.6386

56.7767, 66.2642, 53.0846

0.1783, 0.5680, 0.0000

76.0572, 87.9289, 72.5083

0.0000, 0.0000, 0.0000

99.2725, 113.8654, 96.1716

126.7877,

144.4582, 124.4933

158.9684, 180.0915, 157.8918

11.6939, 14.6356, 9.4164

11.6939, 14.6356, 9.4164

10.6759, 14.1541, 7.4326

12.8430, 15.1775, 11.7704

9.7826, 13.7288, 5.7994

14.1268, 15.7800, 14.5112

9.0090, 13.3581, 4.4963

15.5503, 16.4457, 17.6555

8.3490, 13.0392, 3.5010

17.1179, 17.1766, 21.2186

7.7960, 12.7693, 2.7879

18.8336, 17.9744, 25.2153

7.3425, 12.5452, 2.3274

6.9962, 12.3732, 2.0195

20.7015, 18.8409, 29.6594

22.7253, 19.7778, 34.5642

24.9087, 20.7866, 39.9426

27.2553, 21.8689, 45.8066

Harmonies

Analogous

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

13.2327, 14.6356, 7.8695

11.6939, 14.6356, 9.4164

10.8018, 14.6356, 12.8583

Triad

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

11.6939, 14.6356, 9.4164

12.7900, 14.6356, 27.6851

17.7107, 14.6356, 14.0418

Complementary

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

11.6939, 14.6356, 9.4164

10.8513, 9.2941, 16.8456

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.

17.5654, 14.6356, 19.4686

11.6939, 14.6356, 9.4164

14.6115, 14.6356, 28.2016

Square

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

11.6939, 14.6356, 9.4164

11.3947, 14.6356, 23.6438

16.3913, 14.6356, 24.9288

16.7723, 14.6356, 10.1164

Rectangle

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

11.6939, 14.6356, 9.4164

10.6415, 14.6356, 16.1410

16.3913, 14.6356, 24.9288

17.7889, 14.6356, 15.7321

Sweetspot

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

11.6943, 14.6362, 9.4167

25.7190, 28.4540, 26.9069

12.6476, 12.9850, 9.0478

5.8825, 6.5498, 6.0800

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.

11.6943, 14.6362, 9.4167

19.6365, 25.5911, 14.3017

10.5515, 14.0322, 10.0359

3.4596, 3.8223, 3.6288

7.9143, 14.0237, 2.2897

38.5057, 69.3845, 11.3631

Inverse Universe

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

10.8513, 9.2941, 16.8456

17.8734, 14.4314, 29.8190

12.3223, 10.0748, 15.9054

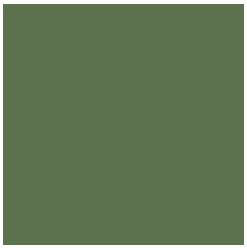
3.3915, 3.3901, 4.2298

6.0472, 2.7269, 17.9292

29.1316, 13.0723, 89.2669

Previews

White Background

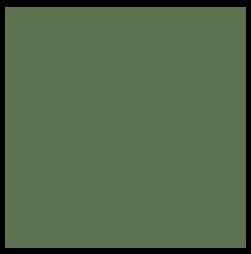


This preview shows how the XYZ color 11.6939, 14.6356, 9.4164 looks on a white background.

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



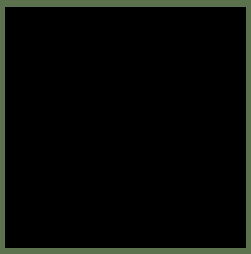
This preview shows how the XYZ color 11.6939, 14.6356, 9.4164 looks on a black background.

Color Contrast Check

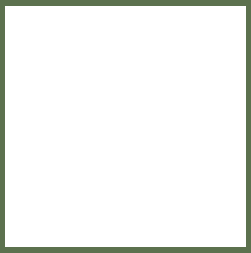
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 11.6939, 14.6356, 9.4164 Background



This preview shows how black text looks on a background with the XYZ color 11.6939, 14.6356, 9.4164.



This preview shows how white text looks on a background with the XYZ color 11.6939, 14.6356,

9.4164.

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
11.6939, 14.6356, 9.4164

Protanopia
13.4943, 14.4609, 8.7366

Deuteranopia
14.6568, 14.4419, 9.6045

Tritanopia
13.6105, 14.6061, 18.9315

Trichromacy

Original Color
11.6939, 14.6356, 9.4164

Protanomaly
12.8366, 14.5849, 8.9761

Deuteranomaly
13.3754, 14.3833, 9.4684

Tritanomaly
12.8480, 14.6179, 14.9763

Monochromacy

Original Color
11.6939, 14.6356, 9.4164

Achromatopsia
12.8919, 13.5633, 14.7705

Achromatomaly
12.4237, 13.9762, 12.6326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6939, 14.6356, 9.4164 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(92, 113, 78) looks like.

```
.text, #text, p{
    color:rgb(92, 113, 78)
}
```

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(92, 113, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 113, 78) }
```

Border

The CSS property to change the border of an element to XYZ 11.6939, 14.6356, 9.4164 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(92, 113, 78) }
```

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

```
.border{ border-color:rgb(92, 113, 78) }
```

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

Here you see how a box with a 4 pixel rgb(92, 113, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 113, 78); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 113, 78); box-shadow:4px 4px 4px 4px rgb(92, 113, 78) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6939, 14.6356, 9.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(92, 113, 78) }
```

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

```
.background{ background-color:rgb(92, 113,
78) }
```

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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