

Converting Colors

XYZ(11.6530, 13.7814, 12.7950)

Have a look what the booklet for
XYZ(11.6530, 13.7814, 12.7950)
contains.

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Color

**XYZ(11.6446, 13.7250,
12.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6C5F
RGB	90, 108, 95
RGB Percent	35%, 42%, 37%
CMY	0.6471, 0.5765, 0.6274
CMYK	0.17, 0.00, 0.12, 0.58
HSL	137°, 9%, 39%
HSV	137°, 17%, 42%
XYZ	11.6446, 13.7250, 12.8619
YIQ	101.1360, -6.5550, -7.8590

Conversions

Conversions Part 2

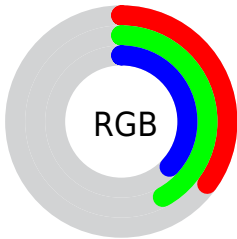
Format	Color
R_{YB}	90, 104, 108
Decimal	5925983
CIE _{Lab}	43.84, -9.58, 5.03
CIE _{LCh}	44, 10.823, 152.288
Yxy	13.7250, 0.3046, 0.3590
Android (android.graphics.Color)	4284116063 (0xFF5A6C5F)
YUV	101.1360, -3.0250, -9.7663
Hunter-Lab	37.0473, -8.7271, 5.3491

Details

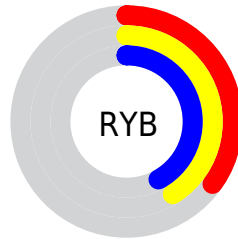
The XYZ color **11.6446, 13.7250, 12.8619** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2892, 11.4802, 14.4009**, and the grayscale version is **12.4139, 13.0604, 14.2227**.

A 20% lighter version of the original color is **28.3242, 32.4161, 31.5521**, and **3.2618, 4.0947, 3.5242** is the 20% darker color. If you saturate the color by 10%, you get **10.3325, 13.0879, 11.0414**, and if you desaturate by 10%, it is **13.1457, 14.4562, 14.8772**.

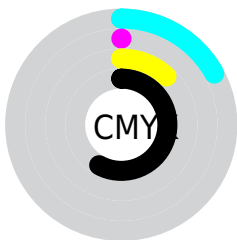
Distribution



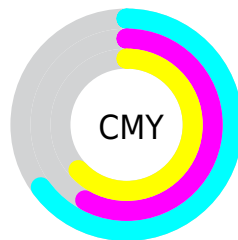
- Red (35%)
- Green (42%)
- Blue (37%)



- Red (35%)
- Yellow (41%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (12%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6446, 13.7250, 12.8619 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 11.6446, 13.7250, 12.8619 by changing the saturation by 10% instead.

■ 11.6446, 13.7250,
12.8619

■ 11.6446, 13.7250,
12.8619

195.8564,
215.5133, 221.2074

■ 6.5726, 7.9296,
7.2039

■ 28.4686, 32.6003,
31.7430

■ 3.2402, 4.0500,
3.5096

■ 40.9514, 46.4490,
45.8032

■ 1.2820, 1.7016,
1.3604

■ 56.6352, 63.7510,
63.5012

■ 0.1697, 0.4247,
0.1105

■ 75.8854, 84.8906,
85.2556

■ 0.0000, 0.0000,
0.0000

■ 99.0672, 110.2522,
111.4848

126.5461,

140.2203, 142.6075

158.6873,
175.1792, 179.0422

■ 11.6446, 13.7250,
12.8619

■ 11.6446, 13.7250,
12.8619

■ 10.3325, 13.0879,
11.0414

■ 13.1457, 14.4562,
14.8772

■ 9.2006, 12.5394,
9.4090

■ 14.8417, 15.2832,
17.0920

■ 8.2412, 12.0759,
7.9590

■ 16.7399, 16.2102,
19.5119

■ 7.4456, 11.6931,
6.6850

■ 18.8467, 17.2403,
22.1419

■ 6.8041, 11.3862,
5.5802

■ 21.1682, 18.3765,
24.9871

■ 6.3062, 11.1499,
4.6374

■ 23.7104, 19.6218,
28.0521

■ 5.9400, 10.9781,
3.8489

■ 26.4789, 20.9791,
31.3416

■ 5.6767, 10.8564,
3.2056

■ 29.4791, 22.4510,
34.8601

■ 5.5971, 10.8193,
3.0214

■ 32.7165, 24.0402,
38.6119

Harmonies

Analogous

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



12.1874, 13.7250, 11.3102



11.6446, 13.7250, 12.8619



11.4720, 13.7250, 15.1327

Triad

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



11.6446, 13.7250, 12.8619



13.1109, 13.7250, 20.1538



14.4834, 13.7250, 12.5699

Complementary

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



11.6446, 13.7250, 12.8619



12.2892, 11.4802, 14.4009

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.



14.7560, 13.7250, 14.7572



11.6446, 13.7250, 12.8619



13.9423, 13.7250, 19.2835

Square

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



11.6446, 13.7250, 12.8619



12.2963, 13.7250, 19.5069



14.5538, 13.7250, 17.2399



13.8239, 13.7250, 11.1550

Rectangle

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



11.6446, 13.7250, 12.8619



11.5838, 13.7250, 16.8000



14.5538, 13.7250, 17.2399



14.6246, 13.7250, 13.2304

Sweetspot

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



11.6450, 13.7256, 12.8622



23.5113, 25.5897, 26.6902



12.8251, 14.3594, 11.7688



5.6542, 6.1760, 6.4120



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.6450, 13.7256, 12.8622



19.5118, 23.6430, 21.3014



12.0680, 13.8948, 15.0900



3.0954, 3.4573, 3.4860



6.6649, 12.9001, 3.5467



33.6350, 65.6011, 16.3566

Inverse Universe

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



12.2892, 11.4802, 14.4009



20.8700, 18.9083, 24.5447



11.8703, 11.3126, 12.1951



3.1835, 3.1503, 3.6965



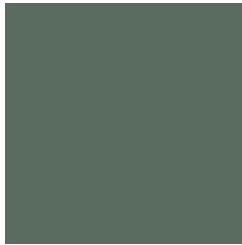
9.0052, 4.4542, 8.9216



45.5034, 22.5433, 43.4493

Previews

White Background



This preview shows how the XYZ color 11.6446, 13.7250, 12.8619 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 11.6446, 13.7250, 12.8619 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 11.6446, 13.7250, 12.8619

Background



This preview shows how black text looks on a background with the XYZ color 11.6446, 13.7250, 12.8619.

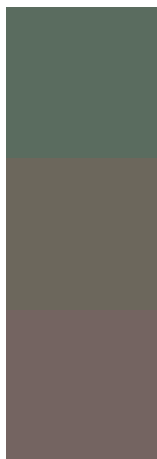


This preview shows how white text looks on a background with the XYZ color 11.6446, 13.7250,

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

11.6446, 13.7250, 12.8619

Protanopia

12.9664, 13.6613, 12.0787

Deuteranopia

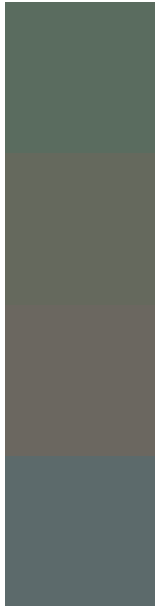
13.9173, 13.6904, 13.2183



Tritanopia

12.6030, 13.6452, 17.8891

Trichromacy



Original Color

11.6446, 13.7250, 12.8619

Protanomaly

12.3942, 13.6602, 12.3394

Deuteranomaly

13.0250, 13.6708, 13.0186

Tritanomaly

12.2215, 13.6449, 15.8995

Monochromacy



Original Color

11.6446, 13.7250, 12.8619

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1322, 13.3429, 13.7404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6446, 13.7250, 12.8619 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(90, 108, 95) looks like.

```
.text, #text, p{  
    color:rgb(90, 108, 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(90, 108, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 108, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.6446, 13.7250, 12.8619 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(90, 108, 95) }
```


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

```
.border{ border-color:rgb(90, 108, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 108, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 108, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 108, 95);  
box-shadow:4px 4px 4px 4px rgb(90, 108,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6446, 13.7250, 12.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 108, 95) }
```

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

```
.background{ background-color: rgb(90, 108,  
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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